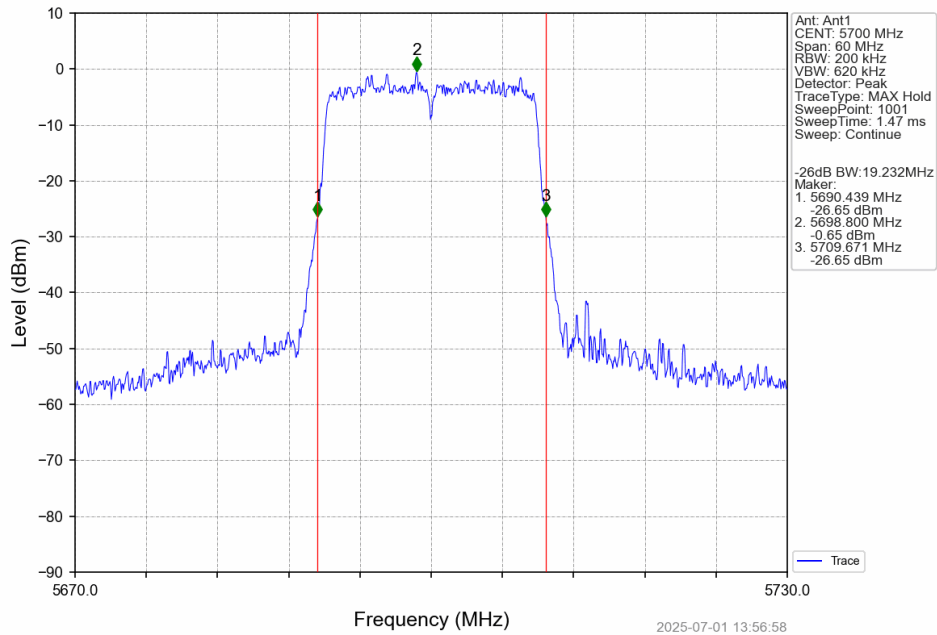
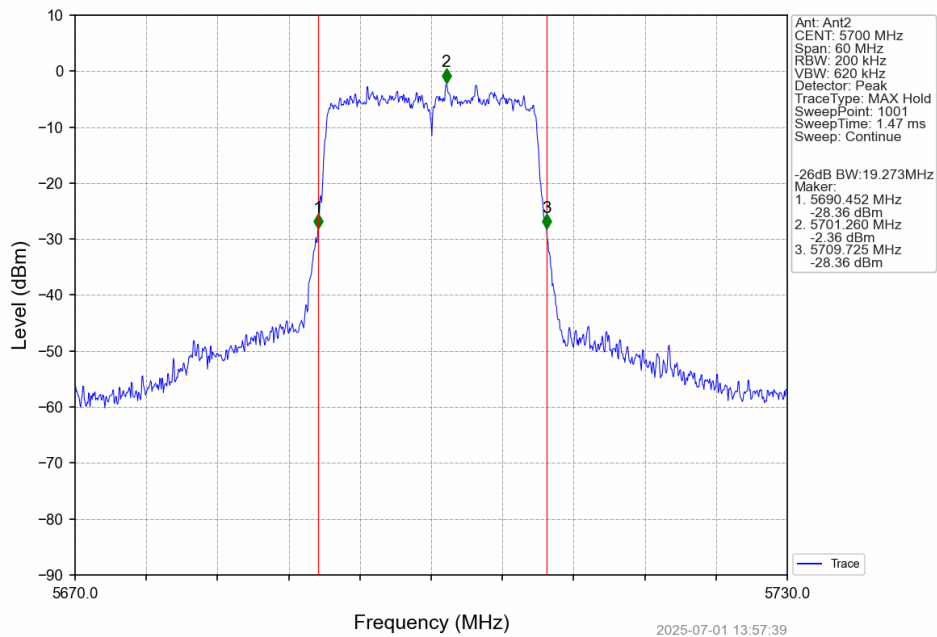


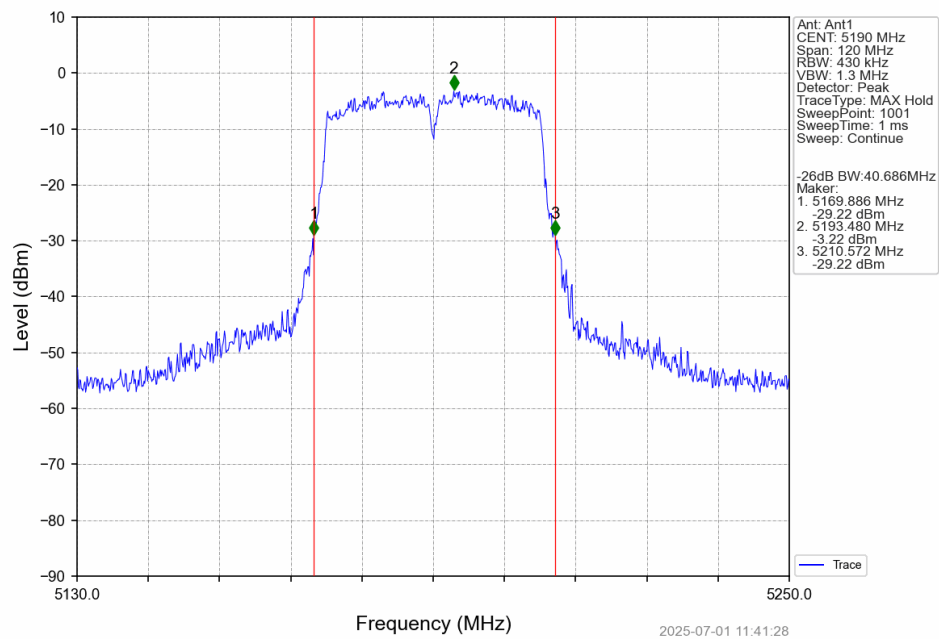
802.11ac(VHT20) HCH 5700MHz Ant1 NTN



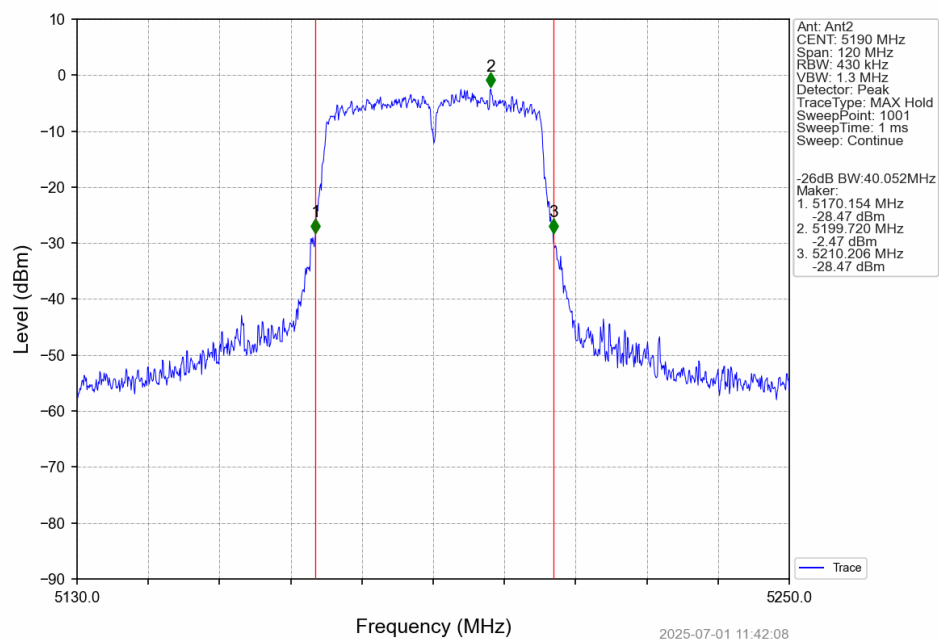
802.11ac(VHT20) HCH 5700MHz Ant2 NTN



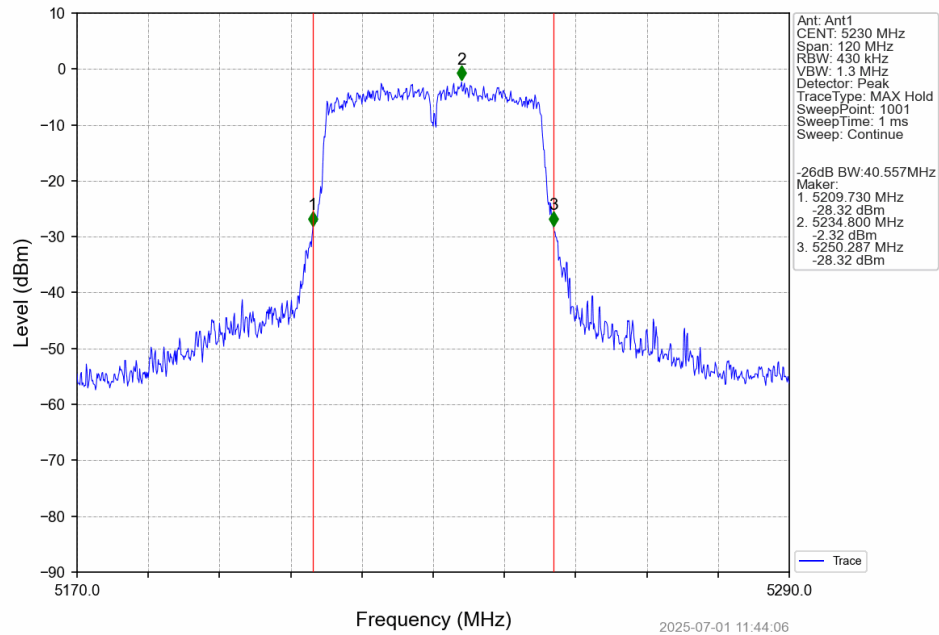
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



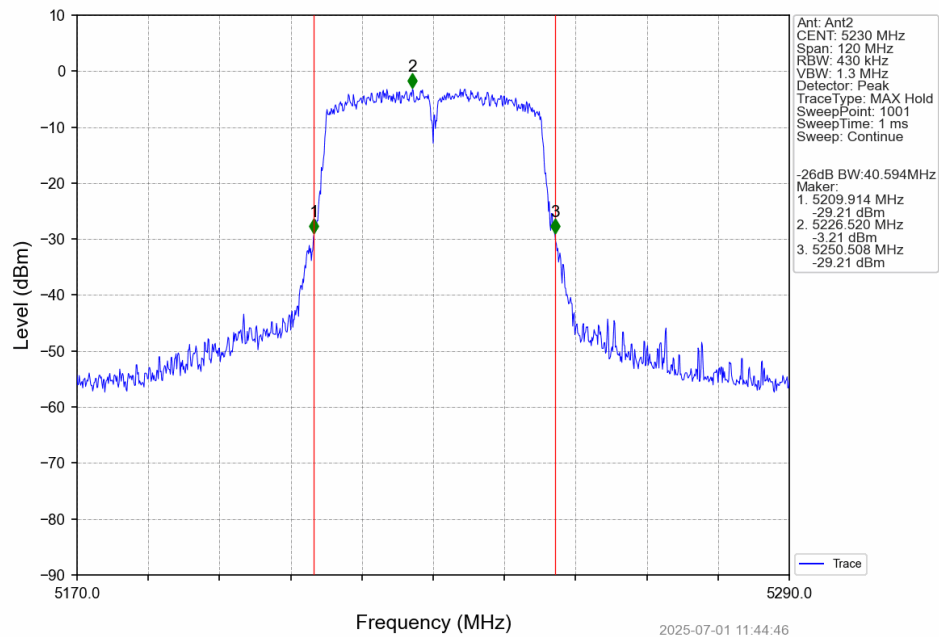
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



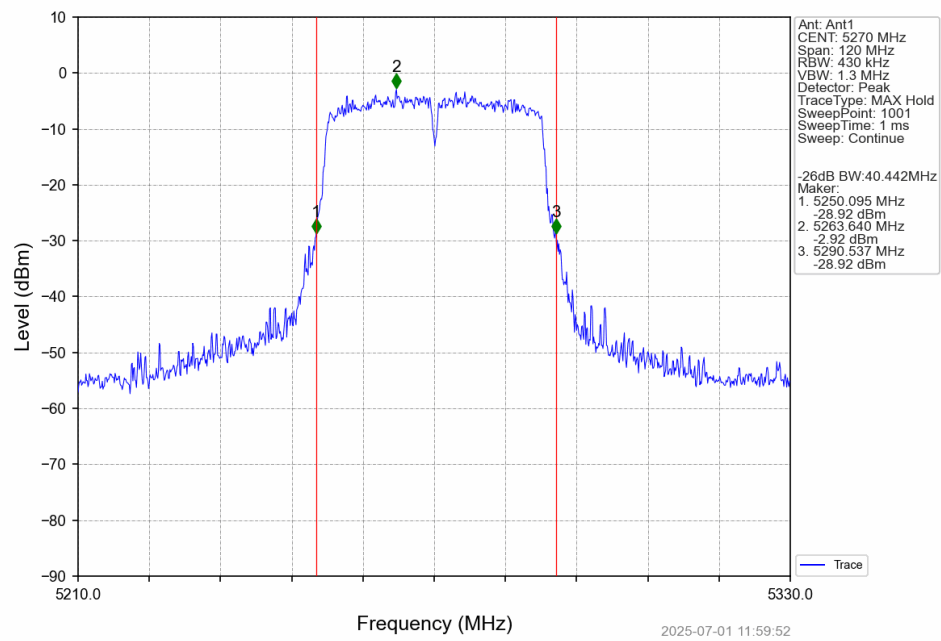
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



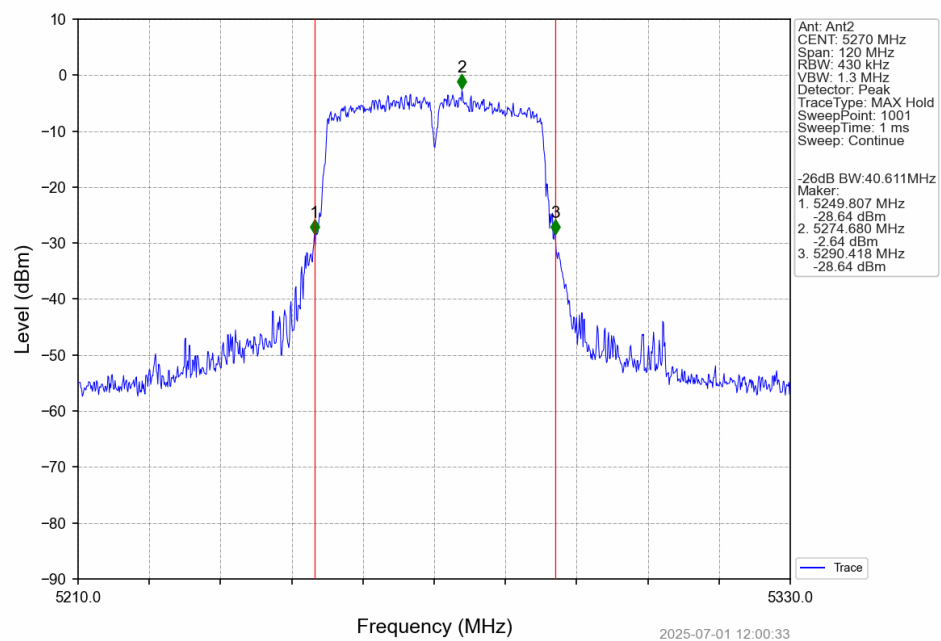
802.11ac(VHT40)_HCH_5230MHz_Ant2 NTN



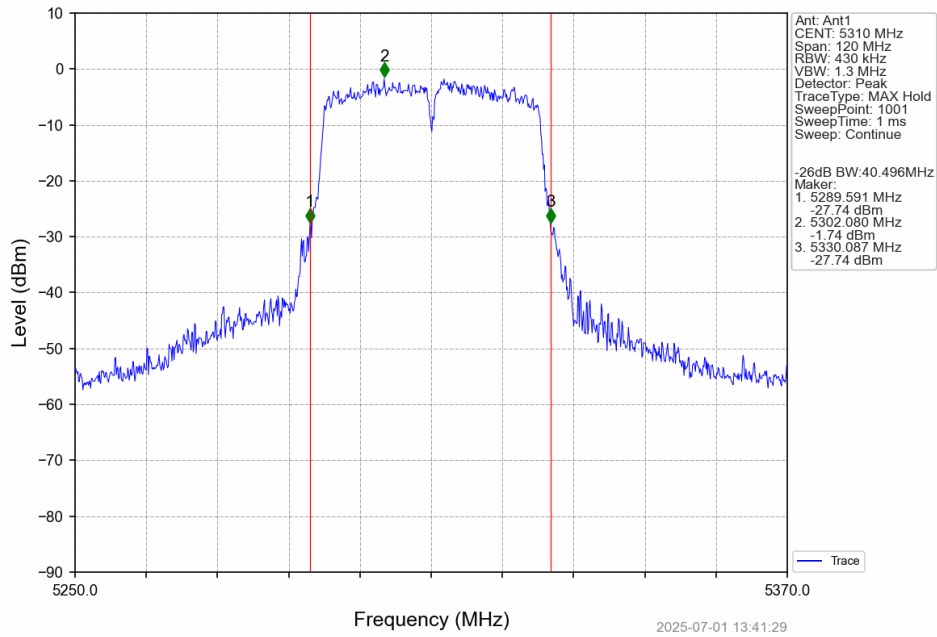
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



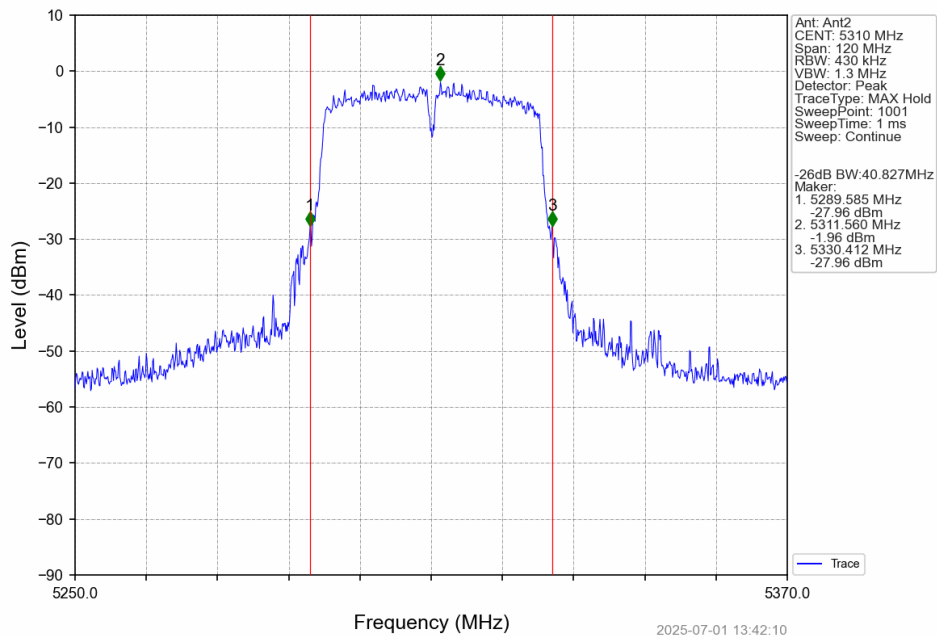
802.11ac(VHT40) LCH 5270MHz Ant2 NTN



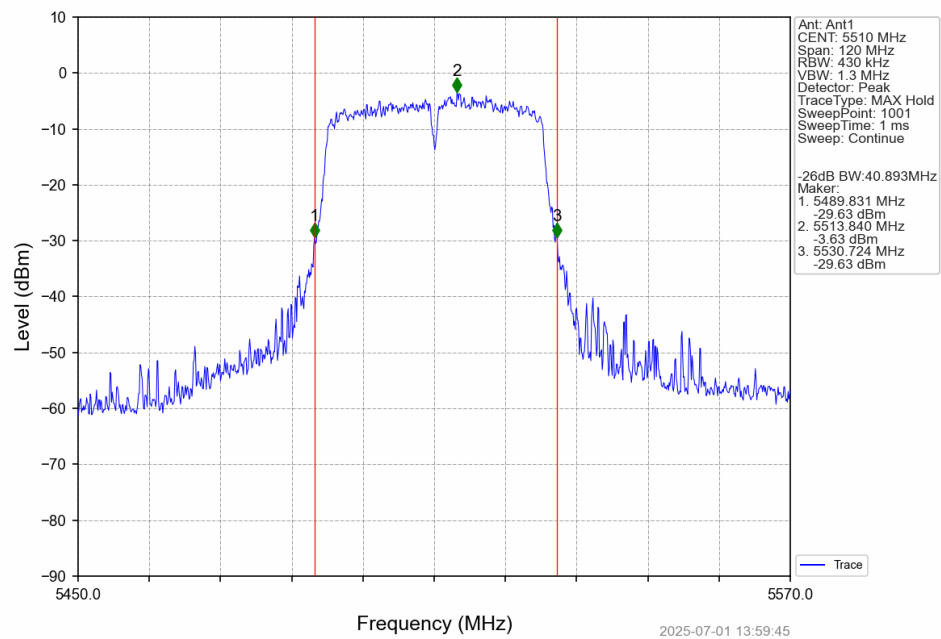
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



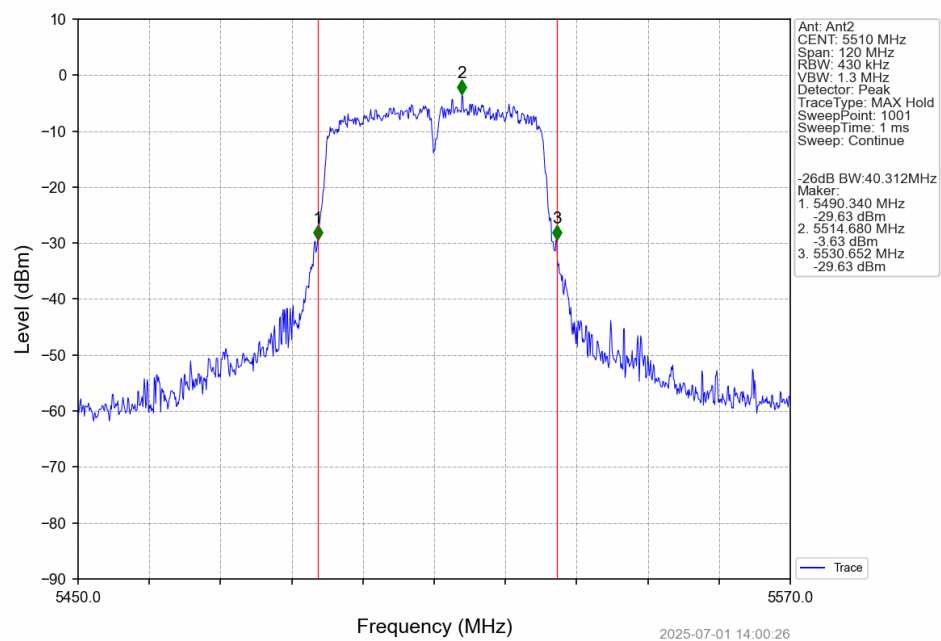
802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



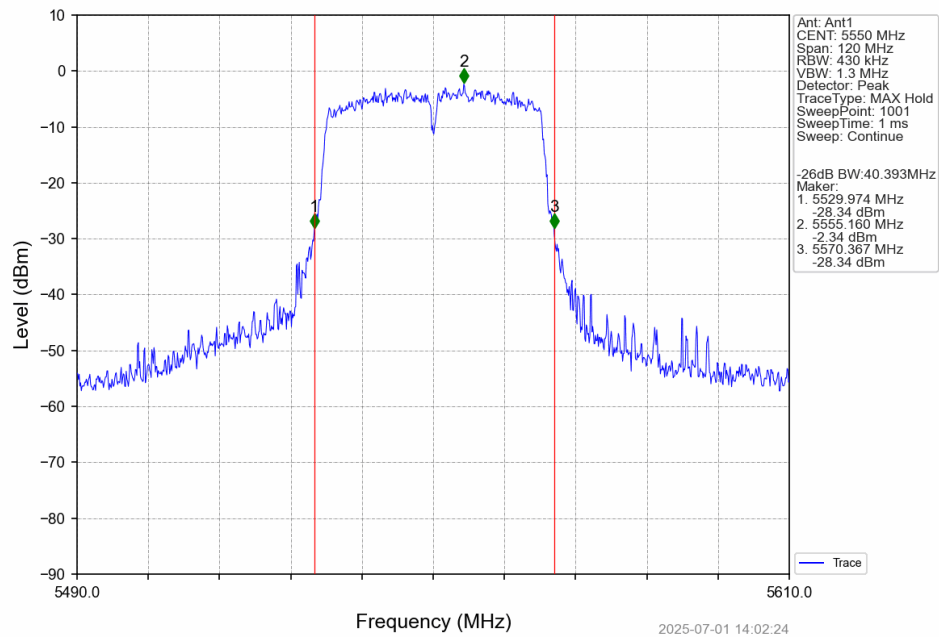
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



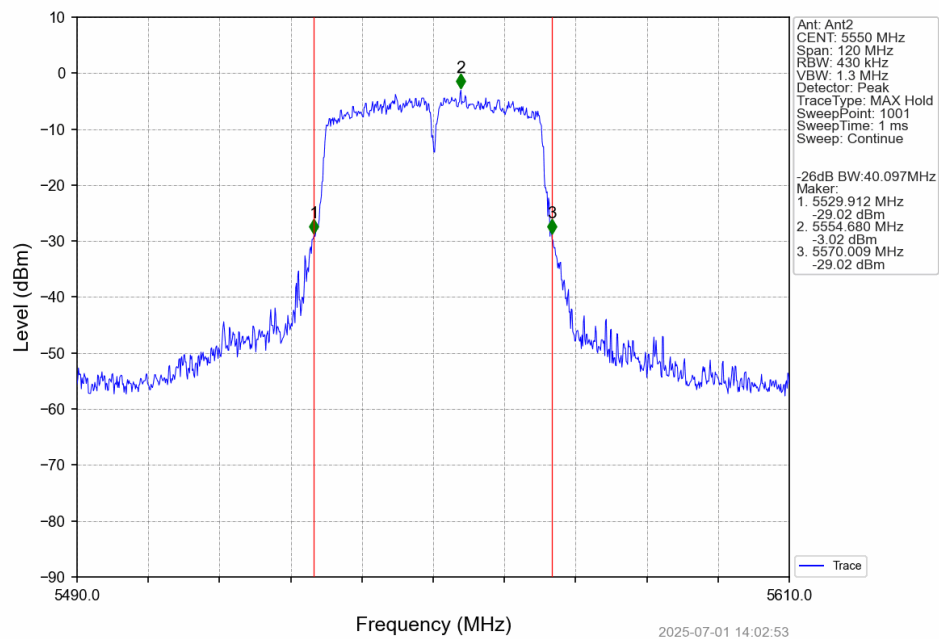
802.11ac(VHT40) LCH 5510MHz Ant2 NTN



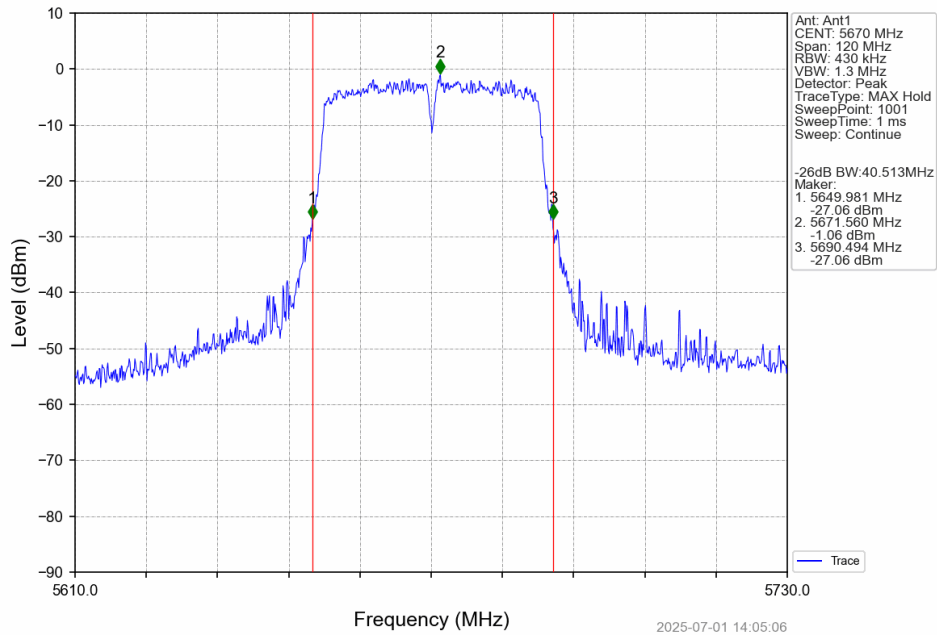
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



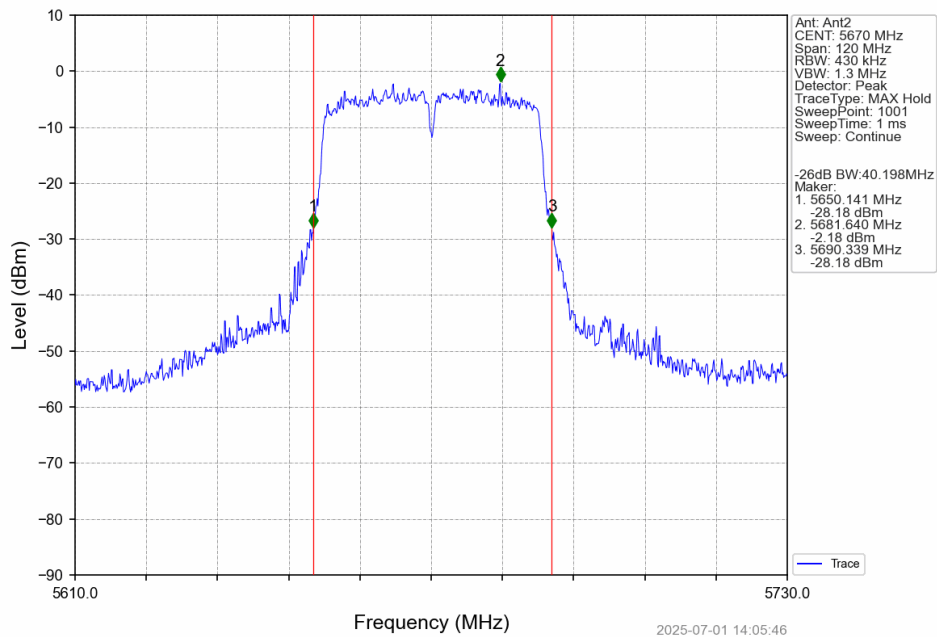
802.11ac(VHT40)_MCH_5550MHz_Ant2 NTN



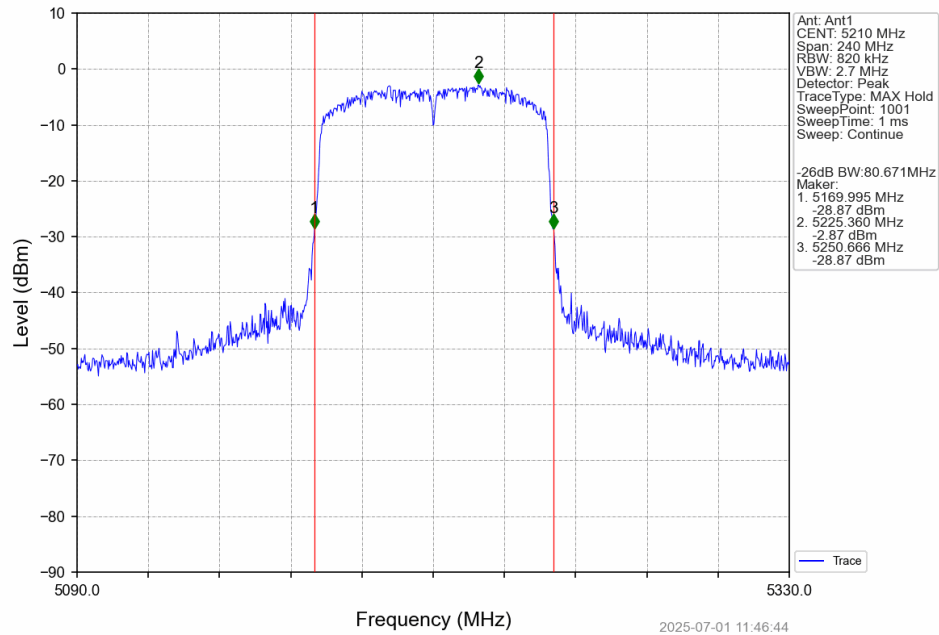
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



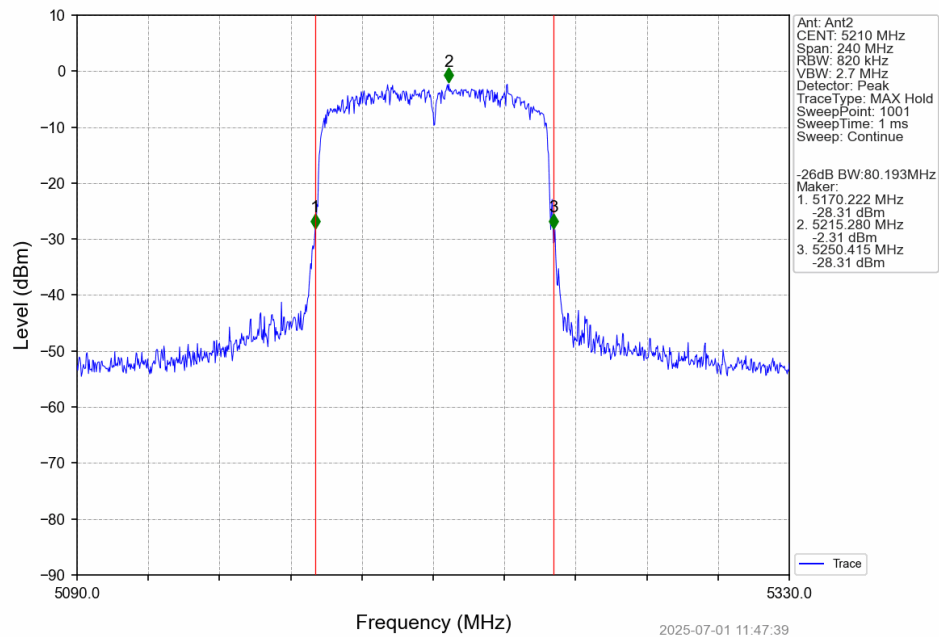
802.11ac(VHT40) HCH 5670MHz Ant2 NTN



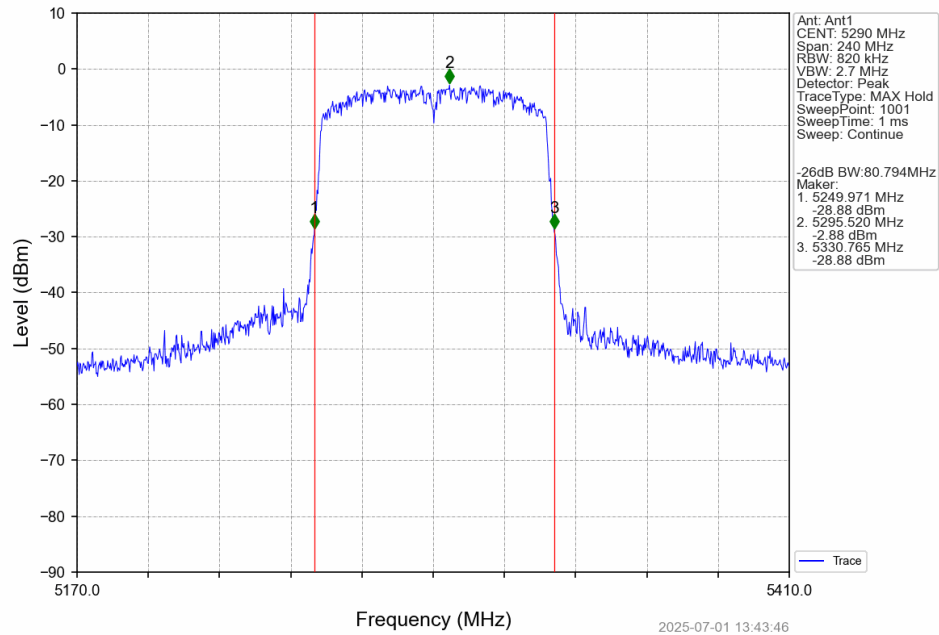
802.11ac(VHT80) MCH_5210MHz_Ant1_NTNV



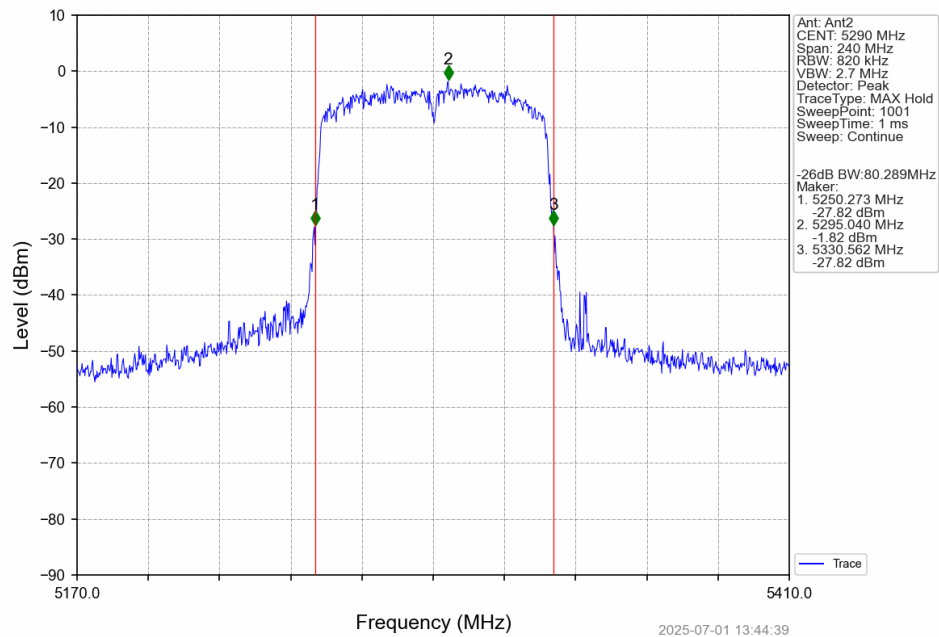
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



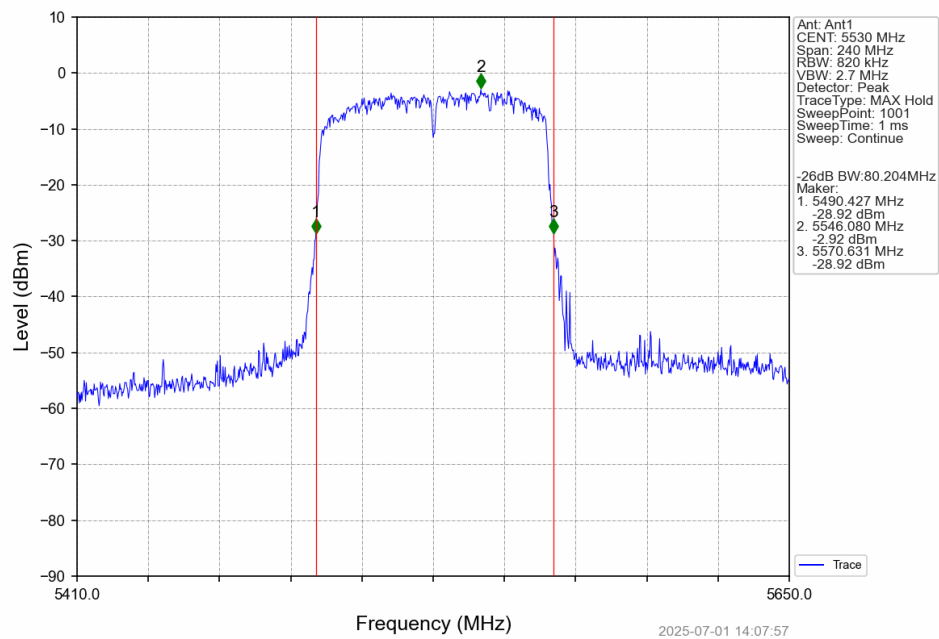
802.11ac(VHT80) MCH 5290MHz Ant1 NTN



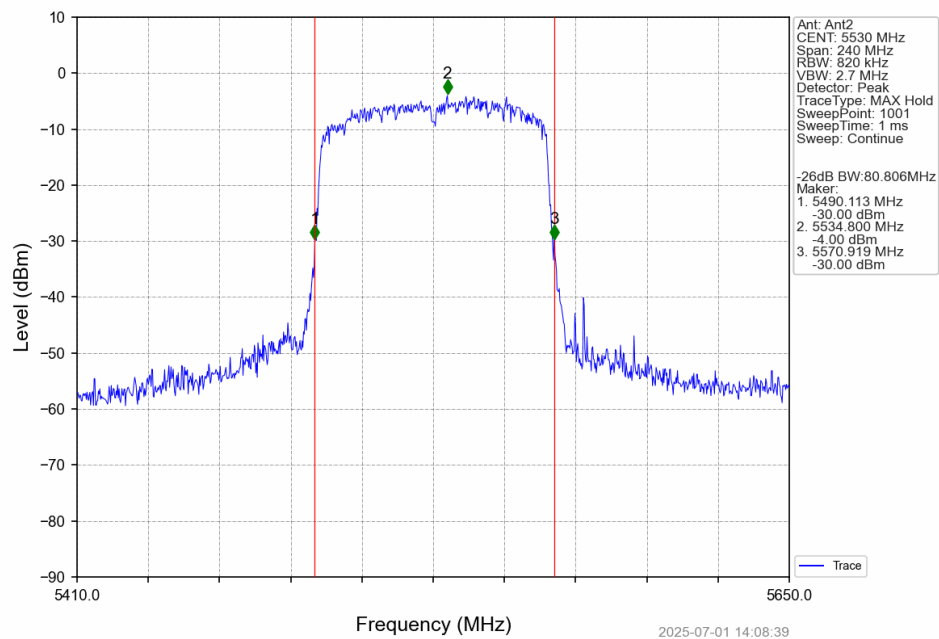
802.11ac(VHT80) MCH 5290MHz Ant2 NTN



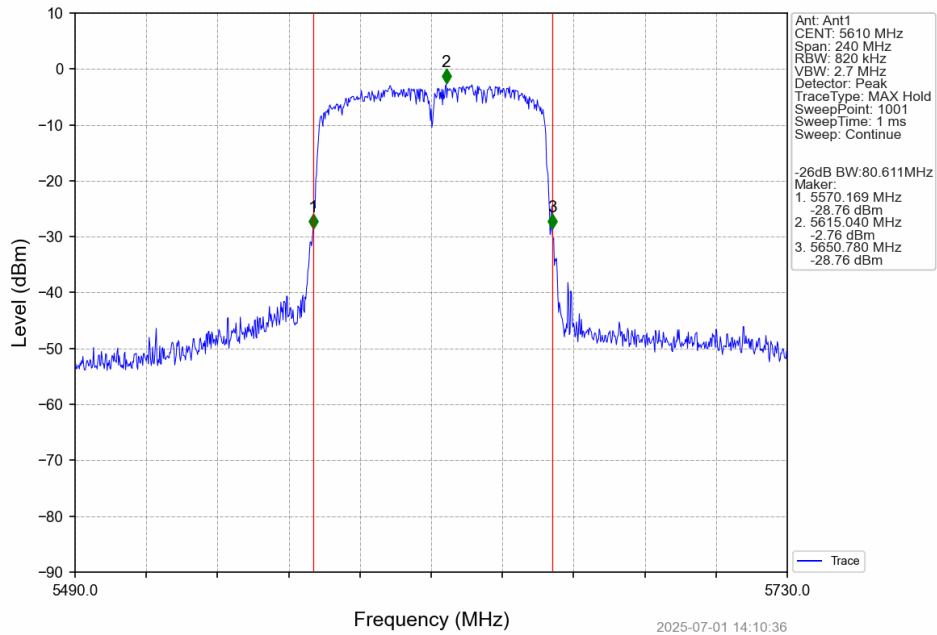
802.11ac(VHT80) LCH 5530MHz Ant1 NTN



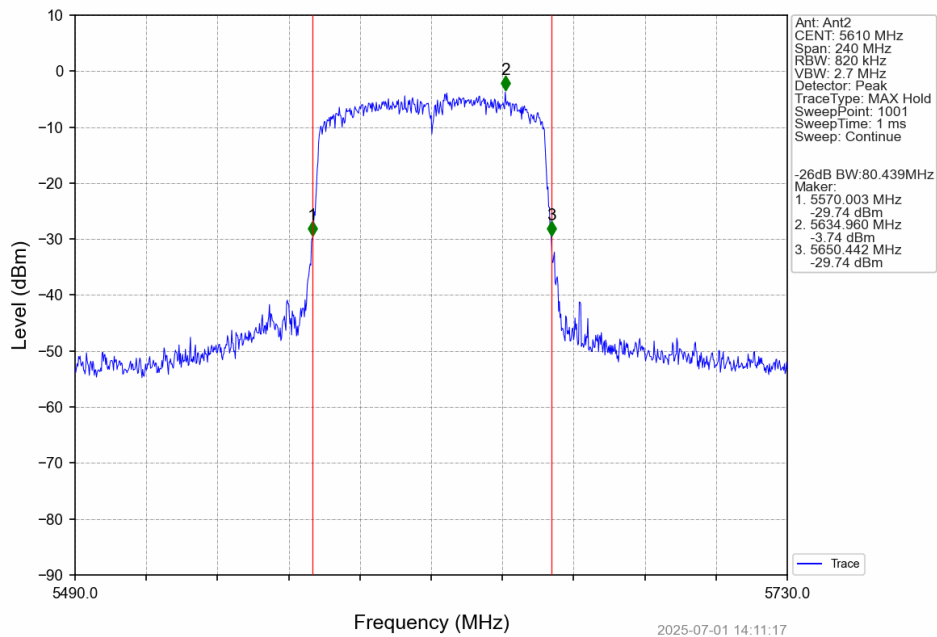
802.11ac(VHT80) LCH 5530MHz Ant2 NTN



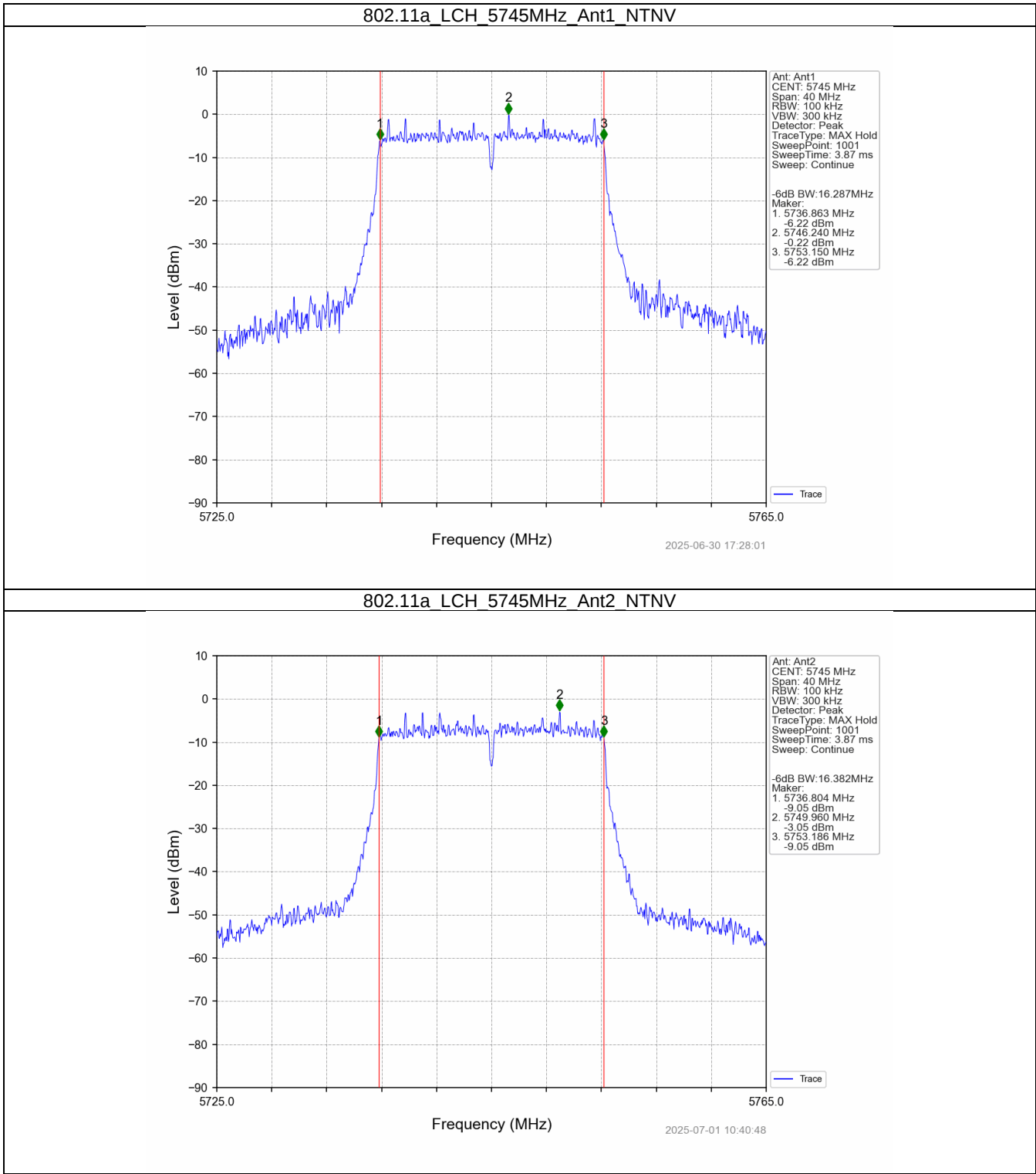
802.11ac(VHT80) HCH 5610MHz Ant1 NTN



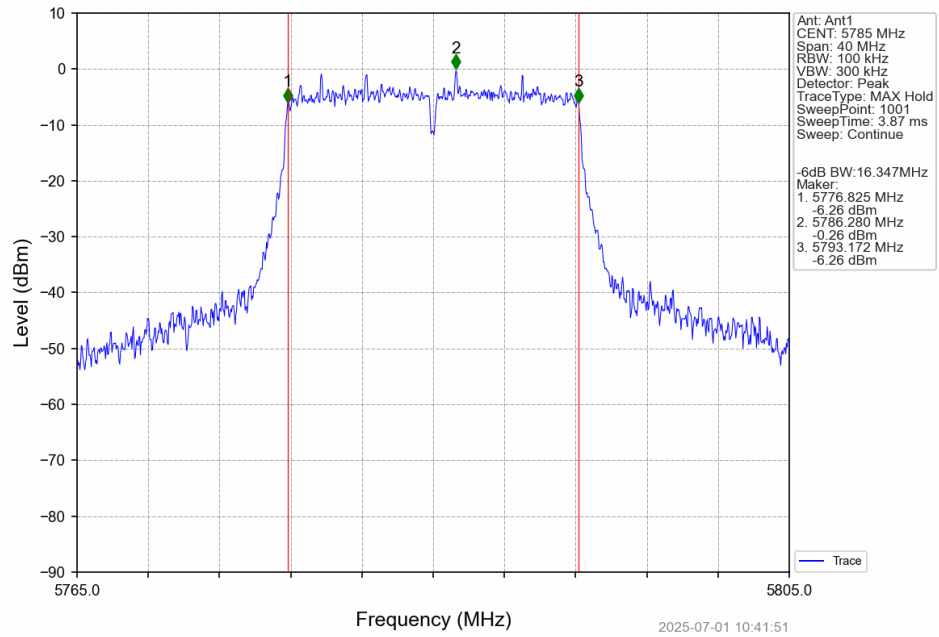
802.11ac(VHT80)_HCH_5610MHz_Ant2 NTN



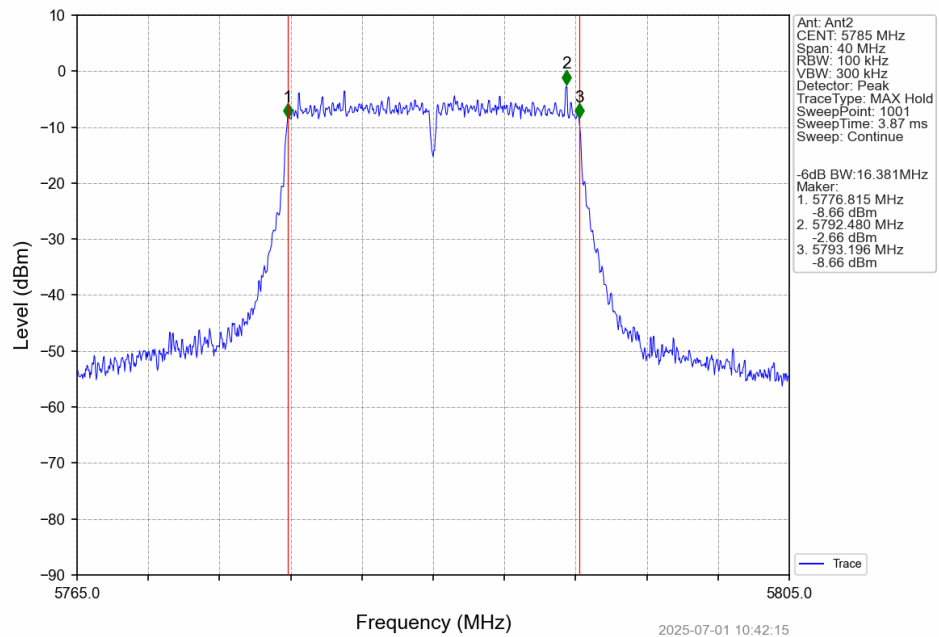
2.2.3 6dB BW



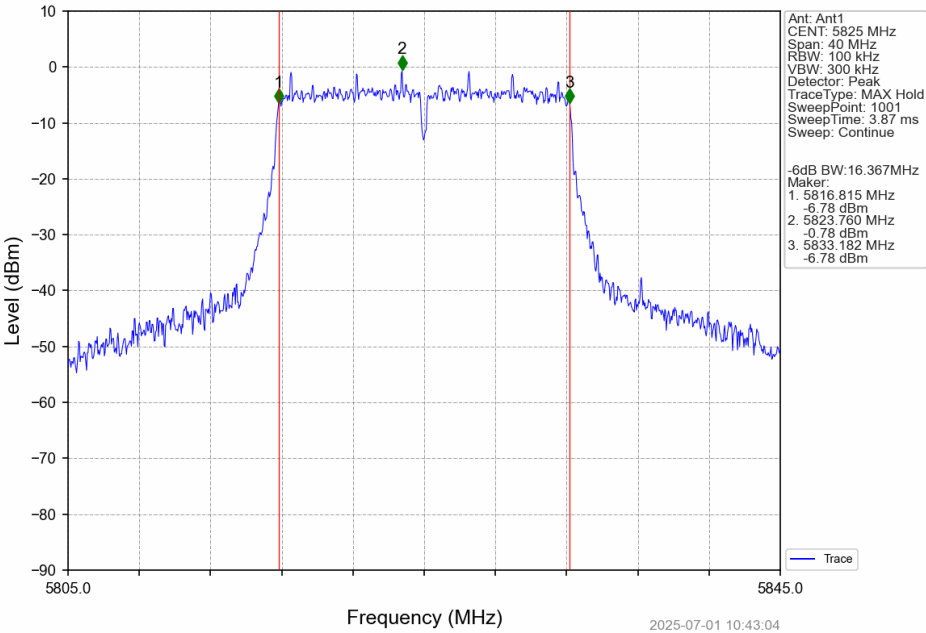
802.11a MCH 5785MHz Ant1 NTN



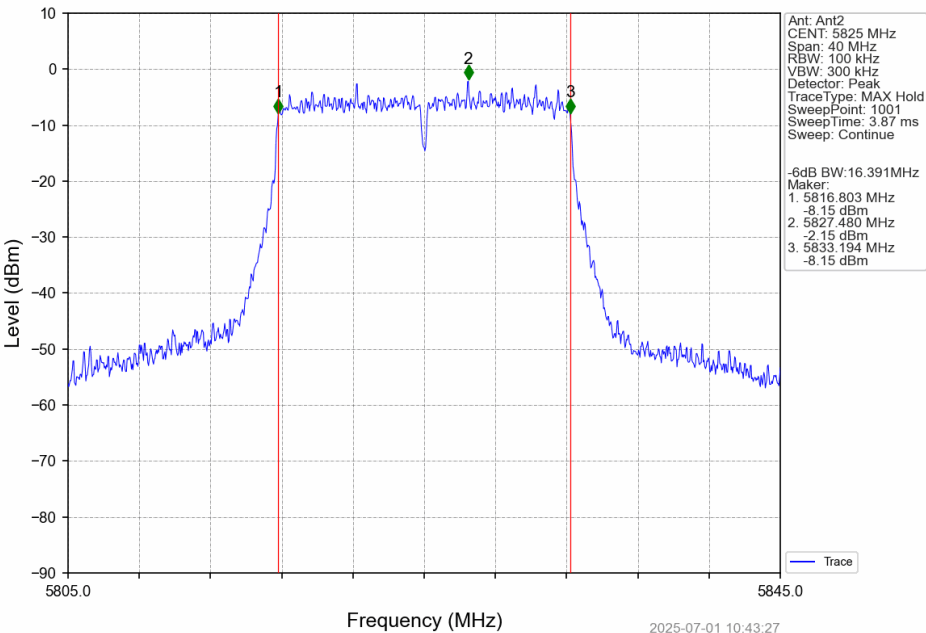
802.11a MCH 5785MHz Ant2 NTN



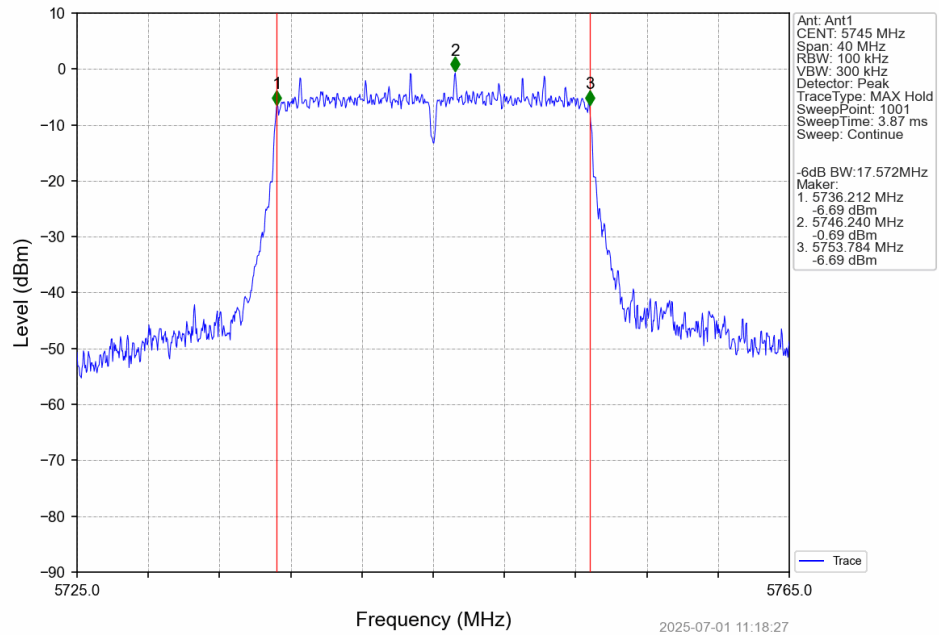
802.11a_HCH_5825MHz_Ant1_NTNV



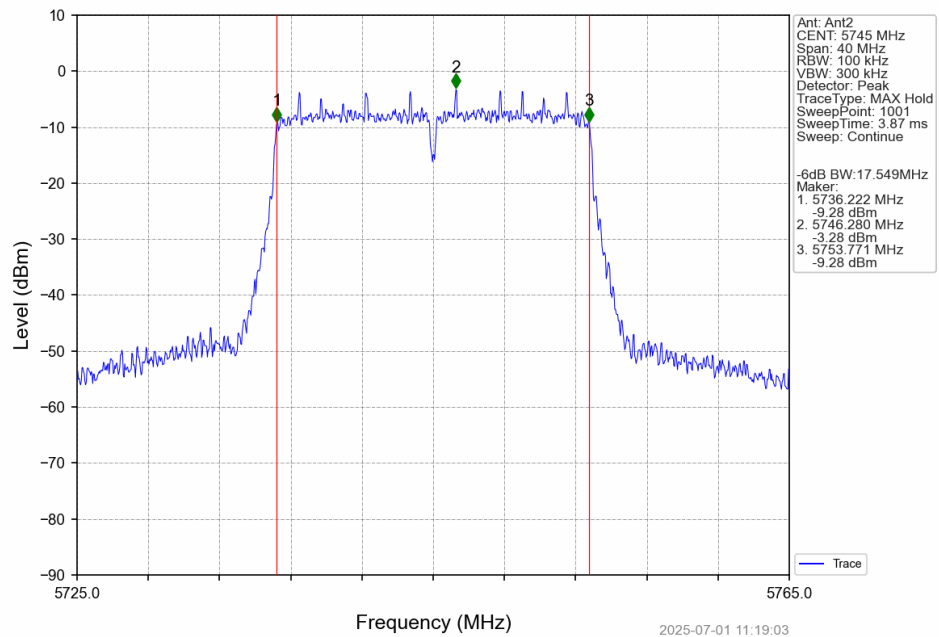
802.11a_HCH_5825MHz_Ant2_NTNV



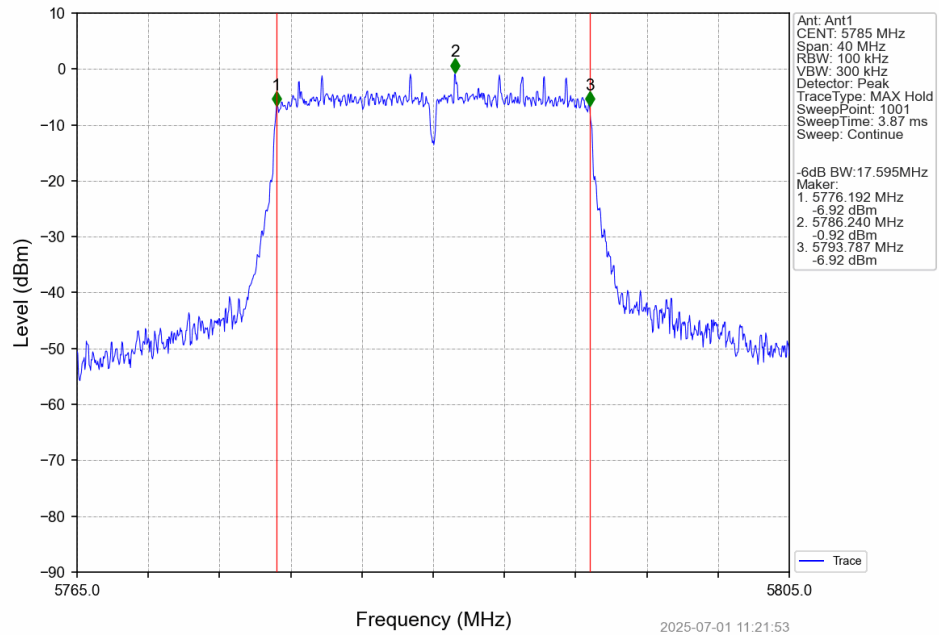
802.11n(HT20) LCH 5745MHz Ant1 NTN



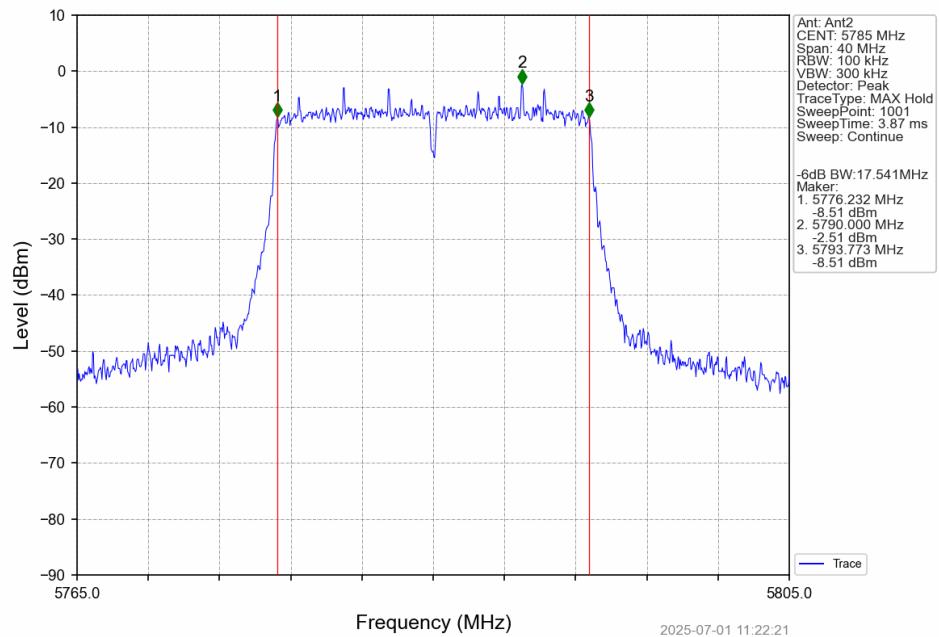
802.11n(HT20) LCH 5745MHz Ant2 NTN



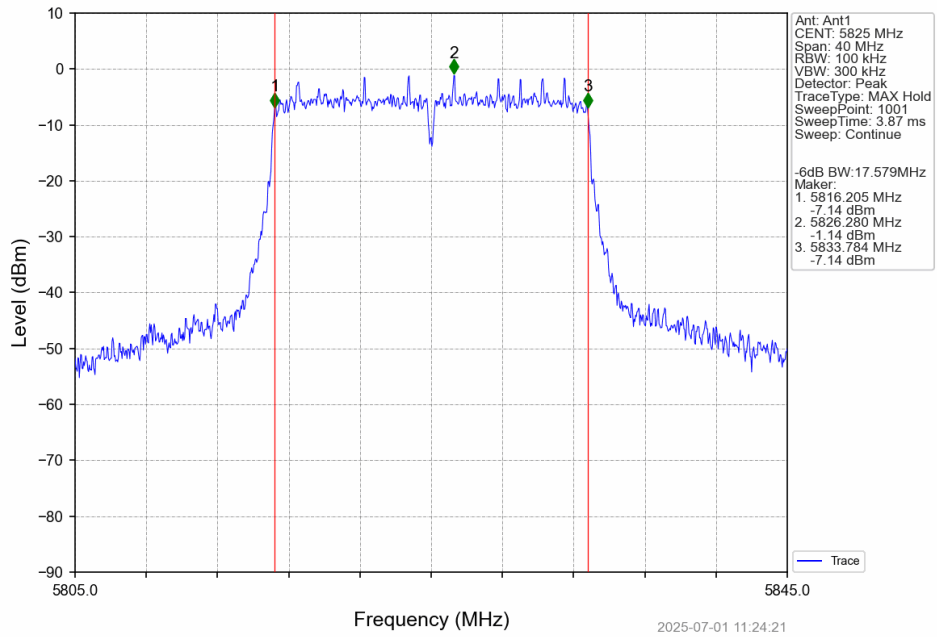
802.11n(HT20) MCH 5785MHz Ant1 NTN



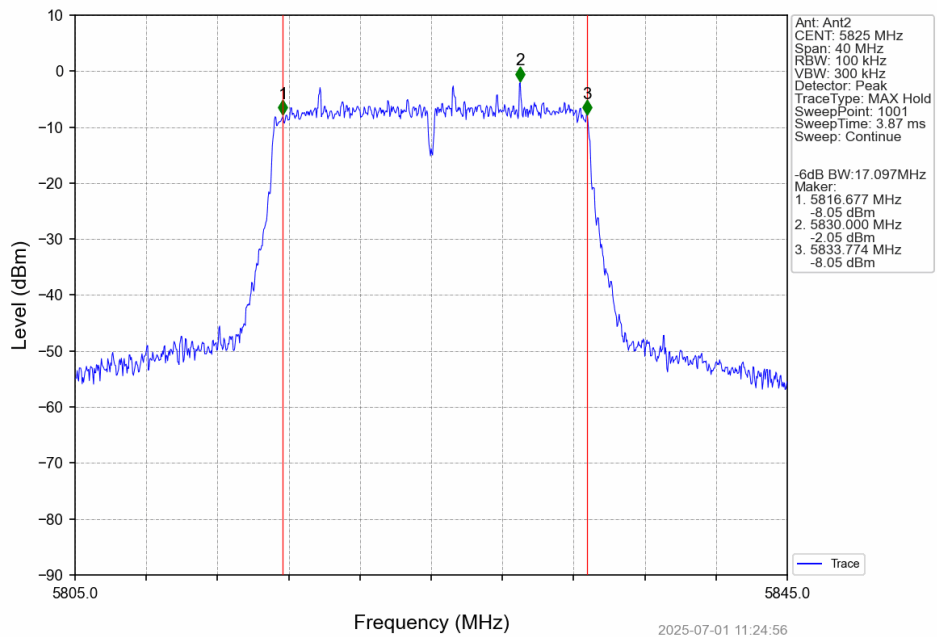
802.11n(HT20)_MCH_5785MHz_Ant2_NTN



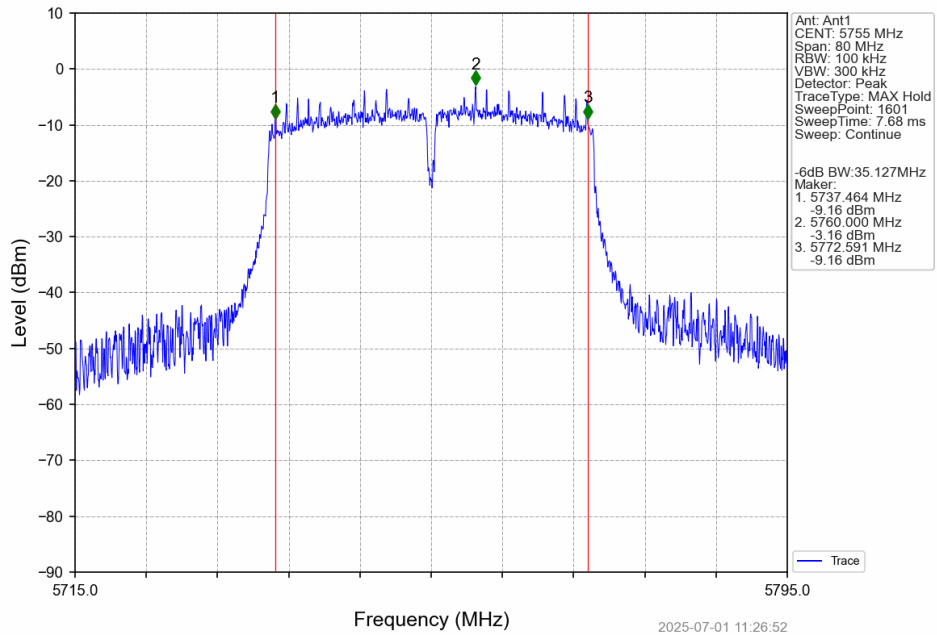
802.11n(HT20) HCH 5825MHz Ant1 NTN



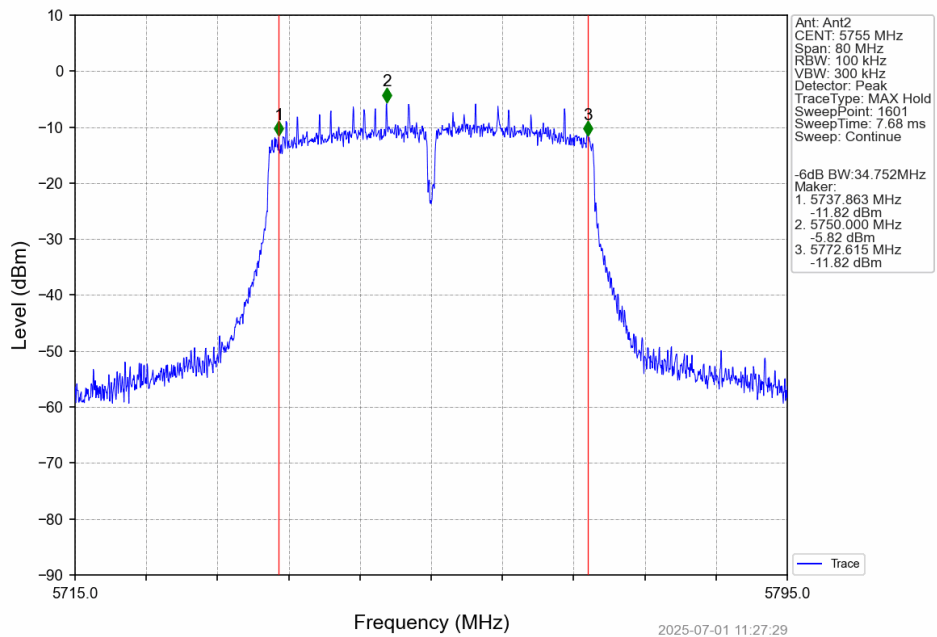
802.11n(HT20)_HCH_5825MHz_Ant2 NTN



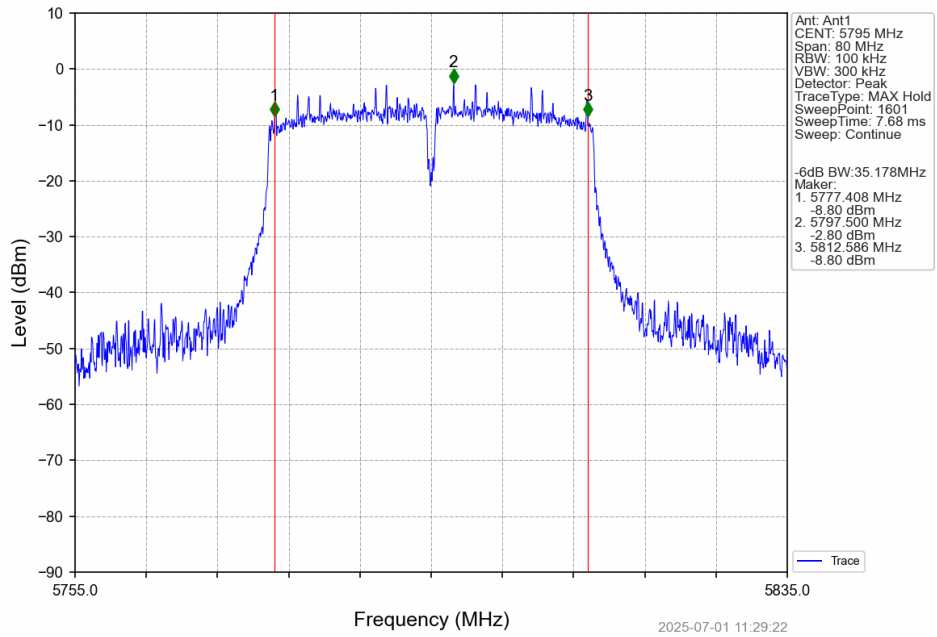
802.11n(HT40) LCH 5755MHz Ant1 NTN



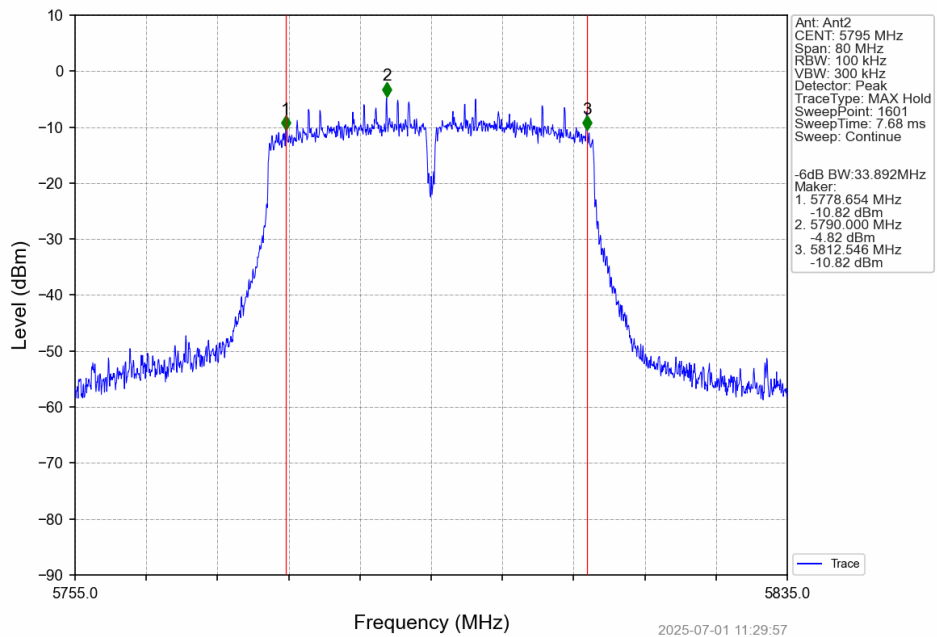
802.11n(HT40) LCH 5755MHz Ant2 NTN



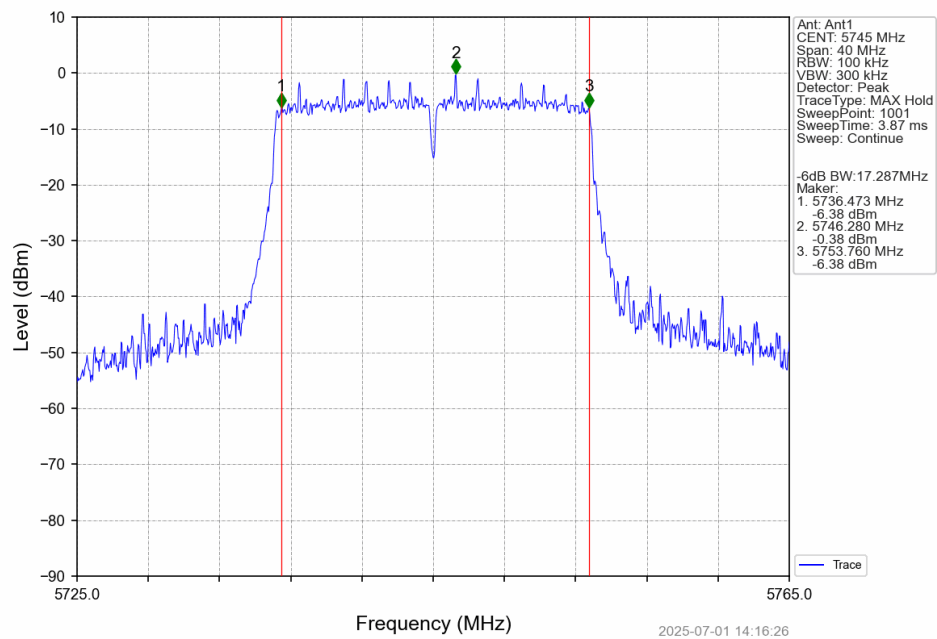
802.11n(HT40) HCH 5795MHz Ant1 NTN



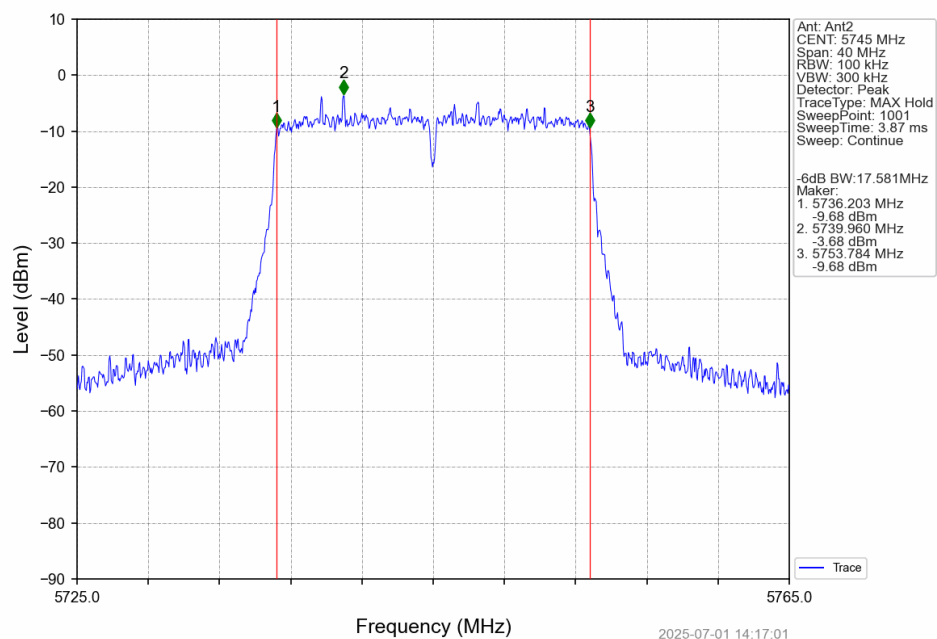
802.11n(HT40)_HCH_5795MHz_Ant2_NTN



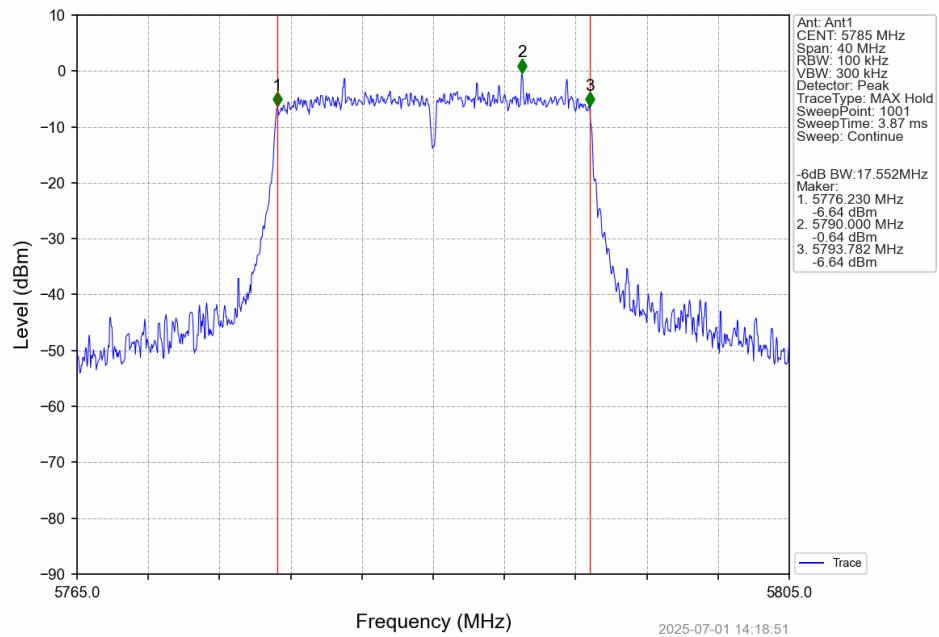
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



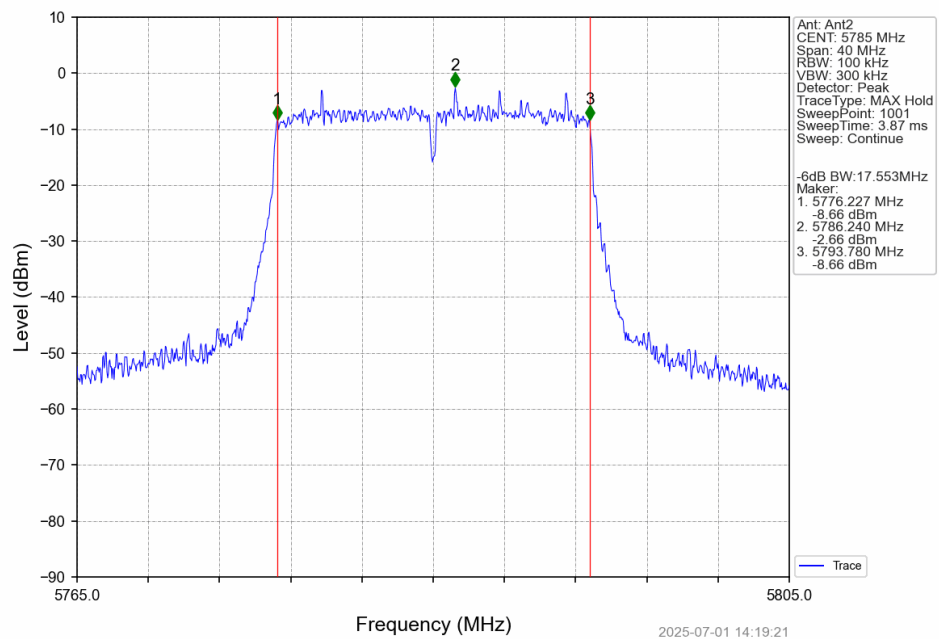
802.11ac(VHT20) LCH 5745MHz Ant2 NTN



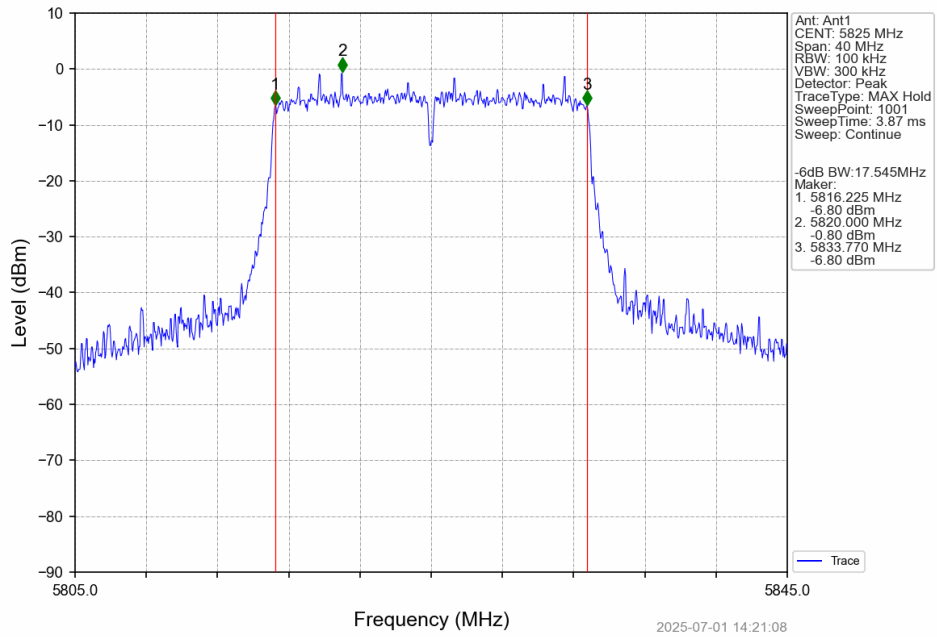
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



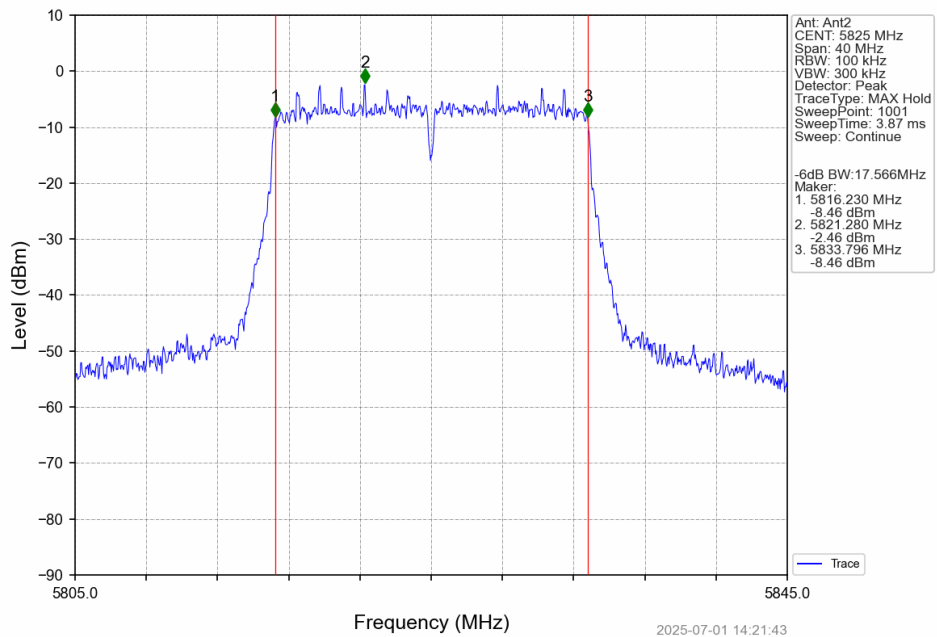
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



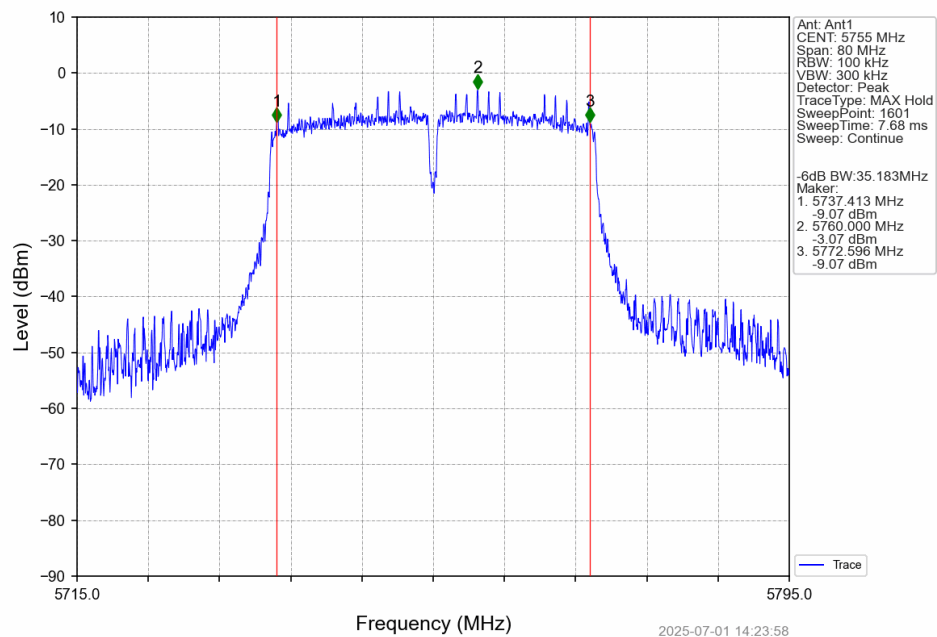
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



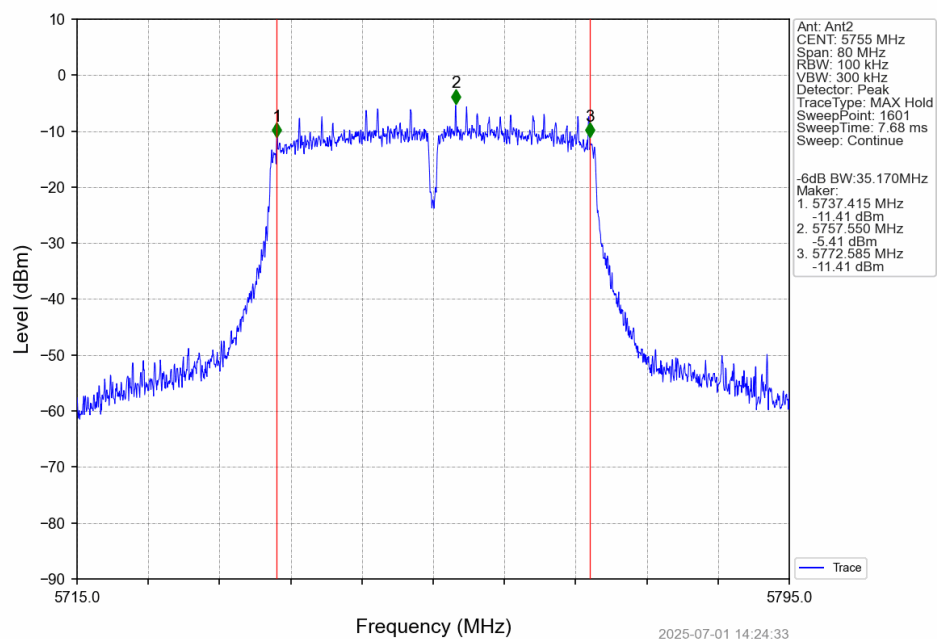
802.11ac(VHT20) HCH 5825MHz Ant2 NTN



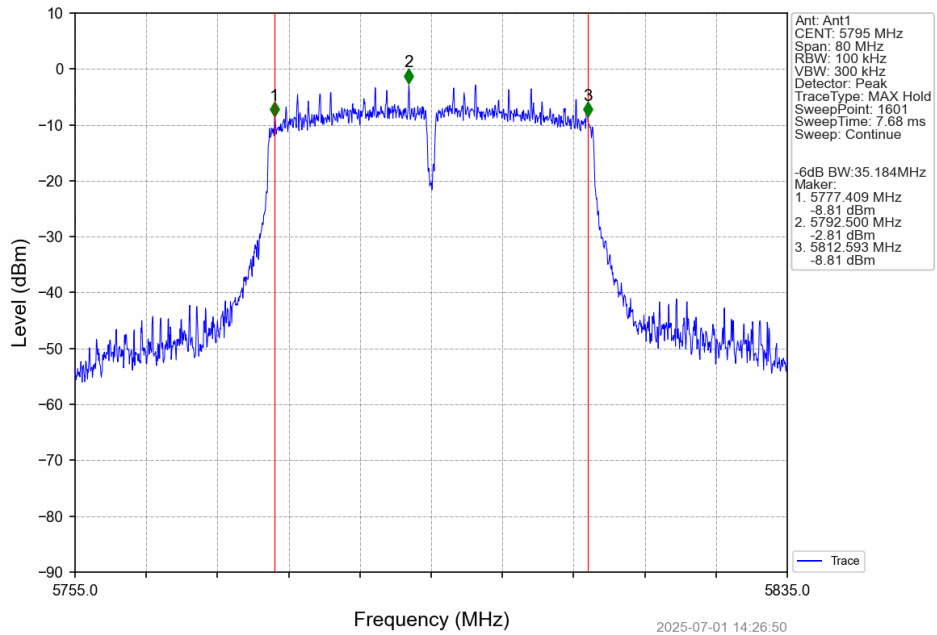
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



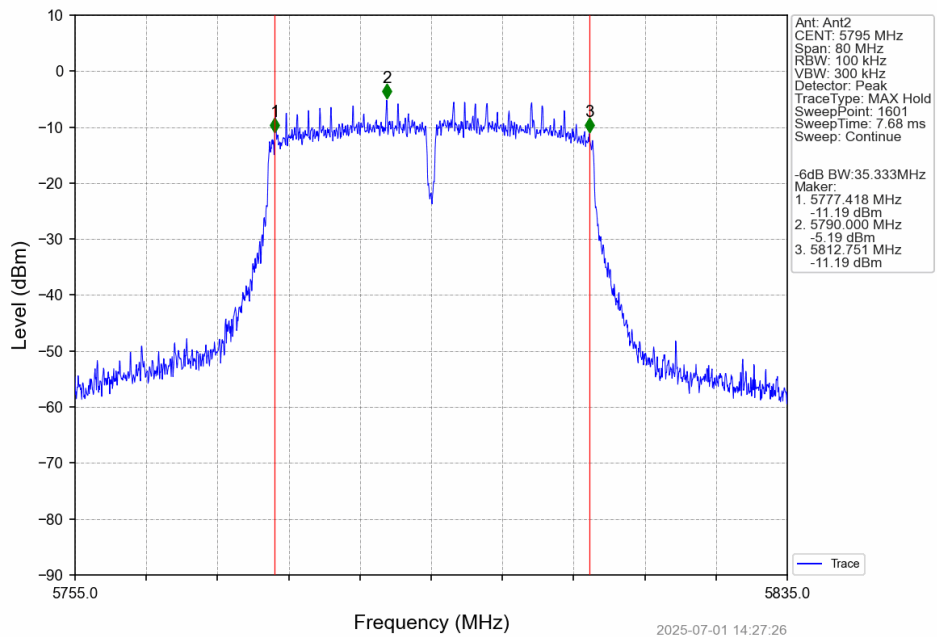
802.11ac(VHT40) LCH 5755MHz Ant2 NTN



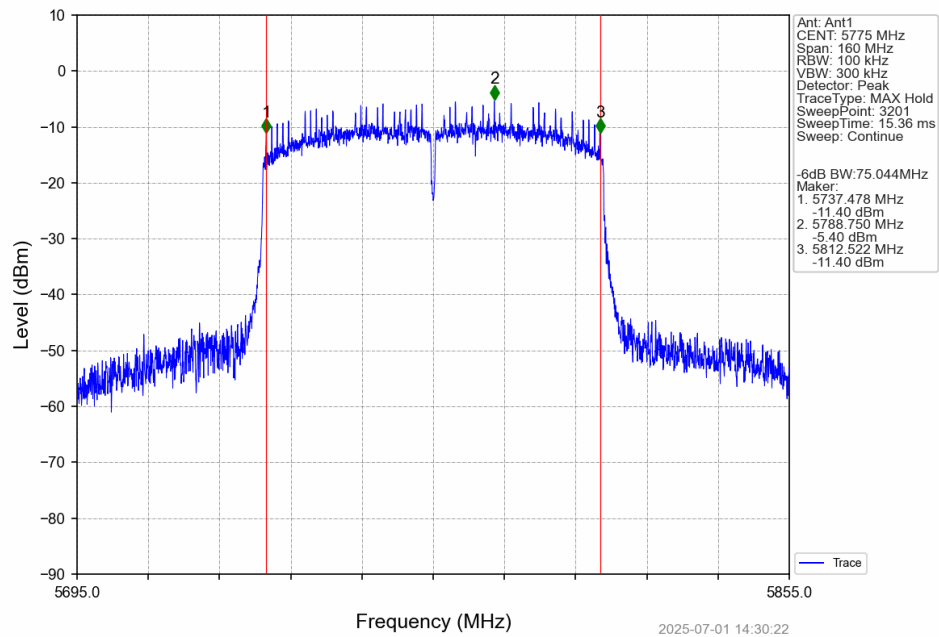
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



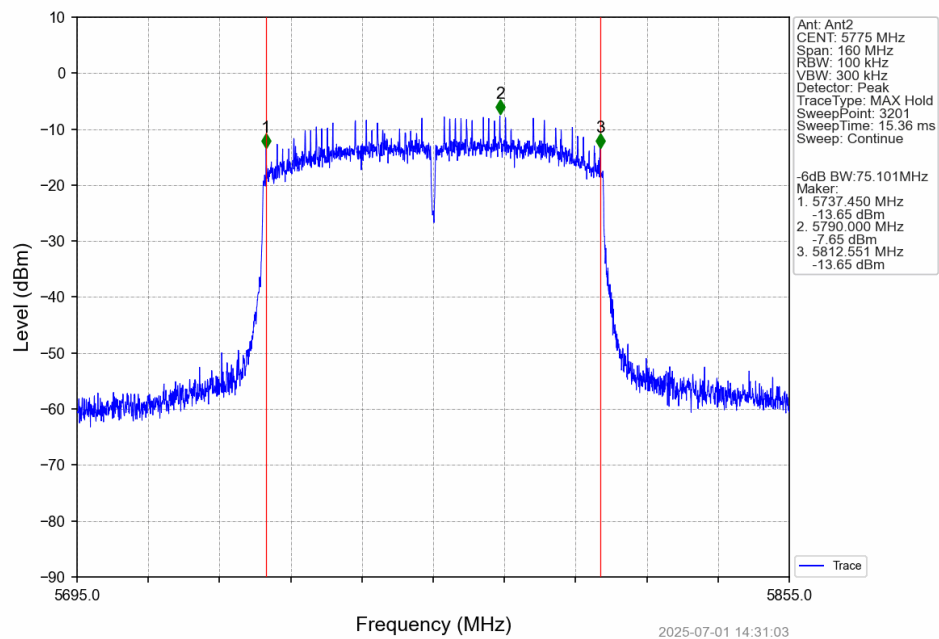
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	9.81	9.19	/	<=23.98	Pass
		5200	8.48	8.63	/	<=23.98	Pass
		5240	8.50	8.51	/	<=23.98	Pass
		5260	7.25	8.09	/	<=23.61	Pass
		5300	7.74	7.73	/	<=23.6	Pass
		5320	7.51	7.66	/	<=23.63	Pass
		5500	6.77	5.27	/	<=23.63	Pass
		5580	8.00	6.54	/	<=23.64	Pass
		5700	9.59	8.01	/	<=23.62	Pass
		5745	10.72	7.88	/	<=30	Pass
		5785	11.24	8.89	/	<=30	Pass
		5825	10.88	9.41	/	<=30	Pass
802.11n (HT20)	MIMO	5180	7.40	7.68	10.55	<=23.98	Pass
		5200	7.58	7.77	10.69	<=23.98	Pass
		5240	8.09	8.26	11.19	<=23.98	Pass
		5260	7.26	7.53	10.41	<=23.84	Pass
		5300	7.14	7.43	10.30	<=23.85	Pass
		5320	6.90	6.75	9.84	<=23.86	Pass
		5500	6.20	5.13	8.71	<=23.84	Pass
		5580	7.68	6.24	10.03	<=23.87	Pass
		5700	9.46	7.88	11.75	<=23.86	Pass
		5745	10.76	7.79	12.53	<=30	Pass
		5785	11.14	8.93	13.18	<=30	Pass
		5825	11.32	9.29	13.43	<=30	Pass
802.11n (HT40)	MIMO	5190	7.52	7.64	10.59	<=23.98	Pass
		5230	8.08	8.17	11.14	<=23.98	Pass
		5270	7.14	7.64	10.41	<=23.98	Pass
		5310	7.23	7.66	10.46	<=23.98	Pass
		5510	6.49	5.91	9.22	<=23.98	Pass
		5550	8.02	7.20	10.64	<=23.98	Pass
		5670	9.29	7.70	11.58	<=23.98	Pass
		5755	11.15	8.82	13.15	<=30	Pass
		5795	11.59	9.62	13.73	<=30	Pass
802.11ac (VHT20)	MIMO	5180	7.29	7.65	10.48	<=23.98	Pass
		5200	7.60	7.87	10.75	<=23.98	Pass
		5240	7.59	7.98	10.80	<=23.98	Pass
		5260	7.79	7.83	10.82	<=23.84	Pass
		5300	7.53	7.51	10.53	<=23.85	Pass
		5320	6.79	6.90	9.86	<=23.88	Pass
		5500	6.04	5.08	8.60	<=23.85	Pass
		5580	7.41	6.14	9.83	<=23.86	Pass
		5700	9.26	7.61	11.52	<=23.85	Pass
		5745	10.96	7.91	12.71	<=30	Pass
		5785	10.91	8.61	12.92	<=30	Pass
		5825	10.63	9.14	12.96	<=30	Pass
802.11ac (VHT40)	MIMO	5190	7.31	7.69	10.51	<=23.98	Pass
		5230	8.02	8.18	11.11	<=23.98	Pass

		5270	7.13	7.47	10.31	<=23.98	Pass
		5310	7.14	7.39	10.28	<=23.98	Pass
		5510	6.56	5.67	9.15	<=23.98	Pass
		5550	7.97	6.56	10.33	<=23.98	Pass
		5670	9.17	7.73	11.52	<=23.98	Pass
		5755	11.25	8.89	13.24	<=30	Pass
		5795	11.66	9.39	13.68	<=30	Pass
802.11ac (VHT80)	MIMO	5210	9.29	9.37	12.34	<=23.98	Pass
		5290	7.81	8.31	11.08	<=23.98	Pass
		5530	7.75	6.93	10.37	<=23.98	Pass
		5610	8.65	7.43	11.09	<=23.98	Pass
		5775	11.73	9.42	13.74	<=30	Pass

Note1: Antenna Gain:

- Band: 1 Ant1: 2.47dBi;
- Band: 3 Ant1: 4.09dBi;
- Band: 2A Ant1: 2.47dBi;
- Band: 2C Ant1: 3.49dBi;
- Band: 1 Ant2: 1.10dBi;
- Band: 3 Ant2: 3.04dBi;
- Band: 2A Ant2: 1.59dBi;
- Band: 2C Ant2: 2.29dBi;

Note2: Directional Gain: 2.47dBi, 3.49dBi, 4.09dBi

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	-0.36	-1.83	/	<=11	Pass
		5200	-2.80	-2.47	/	<=11	Pass
		5240	-2.86	-2.55	/	<=11	Pass
		5260	-3.80	-3.01	/	<=11	Pass
		5300	-3.54	-3.06	/	<=11	Pass
		5320	-3.86	-3.43	/	<=11	Pass
		5500	-4.15	-5.79	/	<=11	Pass
		5580	-3.36	-4.60	/	<=11	Pass
5700	-1.41	-2.85	/	<=11	Pass		
802.11n (HT20)	MIMO	5180	-4.05	-3.83	-1.04	<=11	Pass
		5200	-3.87	-3.91	-0.98	<=11	Pass
		5240	-3.38	-3.28	-0.38	<=11	Pass
		5260	-4.02	-3.79	-1.13	<=11	Pass
		5300	-4.31	-3.79	-1.18	<=11	Pass
		5320	-4.47	-4.55	-1.59	<=11	Pass
		5500	-5.28	-6.17	-2.83	<=10.5	Pass
		5580	-3.92	-5.04	-1.55	<=10.5	Pass
5700	-1.85	-3.73	0.18	<=10.5	Pass		
802.11n (HT40)	MIMO	5190	-6.46	-6.35	-3.56	<=11	Pass
		5230	-5.67	-5.55	-2.75	<=11	Pass
		5270	-6.95	-6.30	-3.64	<=11	Pass
		5310	-6.71	-6.19	-3.51	<=11	Pass
		5510	-7.25	-7.86	-4.58	<=10.5	Pass
		5550	-5.75	-6.88	-3.41	<=10.5	Pass
		5670	-4.69	-6.23	-2.60	<=10.5	Pass
802.11ac (VHT20)	MIMO	5180	-4.24	-3.88	-1.15	<=11	Pass
		5200	-3.77	-3.68	-0.83	<=11	Pass
		5240	-3.72	-3.40	-0.72	<=11	Pass
		5260	-3.91	-3.65	-0.85	<=11	Pass
		5300	-3.98	-3.93	-1.07	<=11	Pass
		5320	-4.67	-4.16	-1.57	<=11	Pass
		5500	-5.67	-6.29	-3.07	<=10.5	Pass
		5580	-4.06	-5.19	-1.77	<=10.5	Pass
5700	-2.47	-3.71	-0.12	<=10.5	Pass		
802.11ac (VHT40)	MIMO	5190	-6.76	-6.21	-3.56	<=11	Pass
		5230	-5.80	-5.94	-2.99	<=11	Pass
		5270	-7.05	-6.74	-3.93	<=11	Pass
		5310	-6.62	-6.17	-3.65	<=11	Pass
		5510	-7.28	-8.09	-4.83	<=10.5	Pass
		5550	-5.89	-7.44	-3.64	<=10.5	Pass
		5670	-5.07	-6.52	-2.83	<=10.5	Pass
802.11ac (VHT80)	MIMO	5210	-7.72	-7.81	-4.89	<=11	Pass
		5290	-8.68	-8.63	-5.67	<=11	Pass
		5530	-8.55	-9.78	-6.17	<=10.5	Pass
		5610	-8.51	-9.45	-6.14	<=10.5	Pass
Note1: Antenna Gain: - Band: 2C Ant1: 3.49dBi:							

- | |
|---|
| <ul style="list-style-type: none">- Band: 1 Ant1: 2.47dBi;- Band: 3 Ant1: 4.09dBi;- Band: 2A Ant1: 2.47dBi;- Band: 2C Ant2: 2.29dBi;- Band: 1 Ant2: 1.10dBi;- Band: 3 Ant2: 3.04dBi;- Band: 2A Ant2: 1.59dBi; |
|---|

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-3.40	-5.84	/	<=30	Pass
		5785	-3.09	-5.25	/	<=30	Pass
		5825	-3.37	-4.67	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-3.72	-6.33	-1.90	<=28.9	Pass
		5785	-3.47	-5.69	-1.52	<=28.9	Pass
		5825	-3.16	-5.02	-1.01	<=28.9	Pass
802.11n (HT40)	MIMO	5755	-5.58	-8.12	-3.69	<=28.9	Pass
		5795	-5.23	-7.29	-3.26	<=28.9	Pass
802.11ac (VHT20)	MIMO	5745	-3.48	-6.43	-1.80	<=28.9	Pass
		5785	-3.71	-5.71	-1.67	<=28.9	Pass
		5825	-3.71	-4.95	-1.49	<=28.9	Pass
802.11ac (VHT40)	MIMO	5755	-5.79	-8.16	-3.83	<=28.9	Pass
		5795	-5.12	-7.58	-3.42	<=28.9	Pass
802.11ac (VHT80)	MIMO	5775	-7.75	-10.04	-5.90	<=28.9	Pass

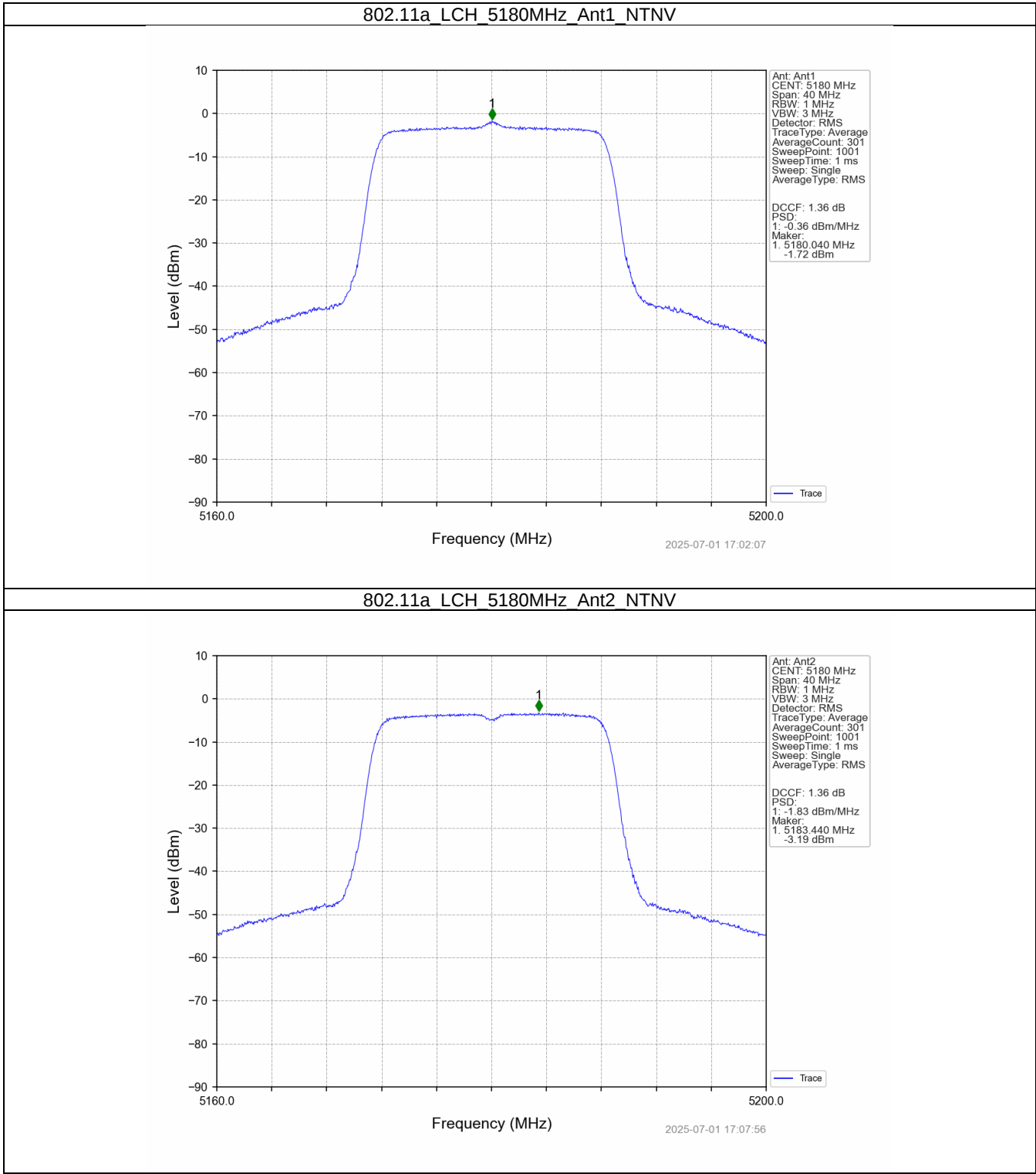
Note1: Antenna Gain:

- Band: 2A Ant1: 2.47dBi;
- Band: 2C Ant1: 3.49dBi;
- Band: 1 Ant1: 2.47dBi;
- Band: 3 Ant1: 4.09dBi;
- Band: 3 Ant2: 3.04dBi;
- Band: 2A Ant2: 1.59dBi;
- Band: 2C Ant2: 2.29dBi;
- Band: 1 Ant2: 1.10dBi;

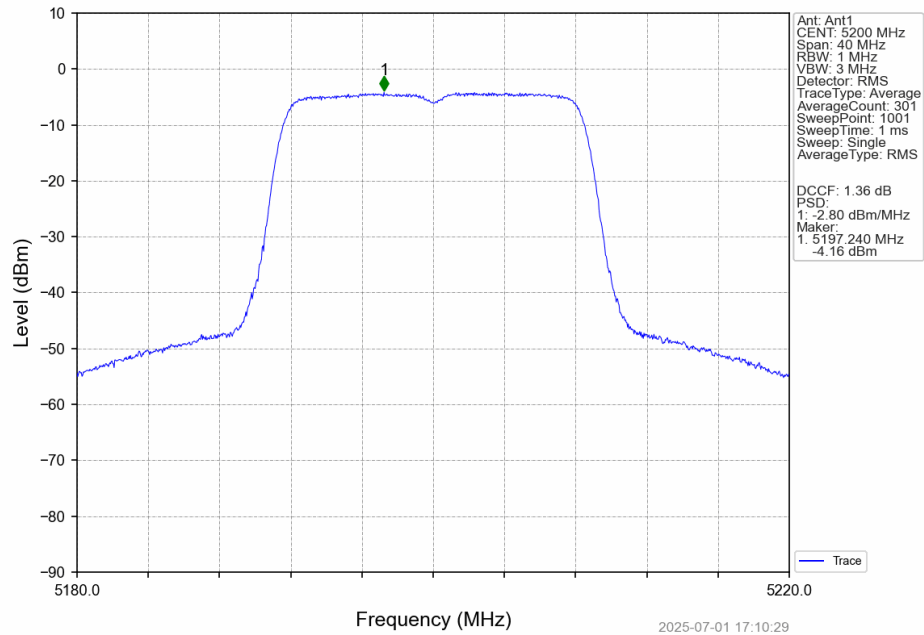
Note2: Directional Gain: Band1: 5.48dBi, Band2A: 5.48dBi, Band2C: 6.5dBi, Band3: 7.1dBi

4.2 Test Graph

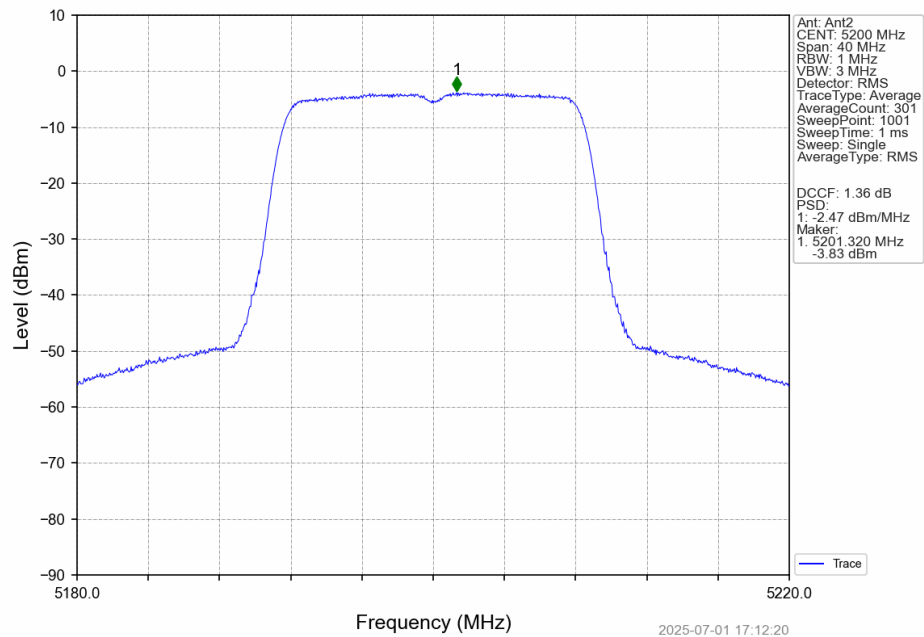
4.2.1 PSD



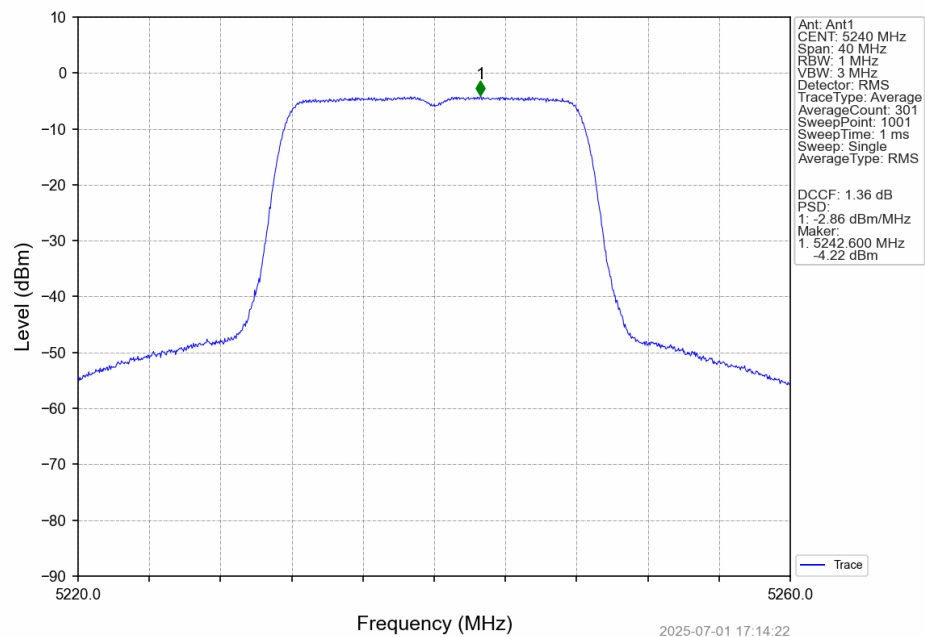
802.11a_MCH_5200MHz_Ant1_NTNV



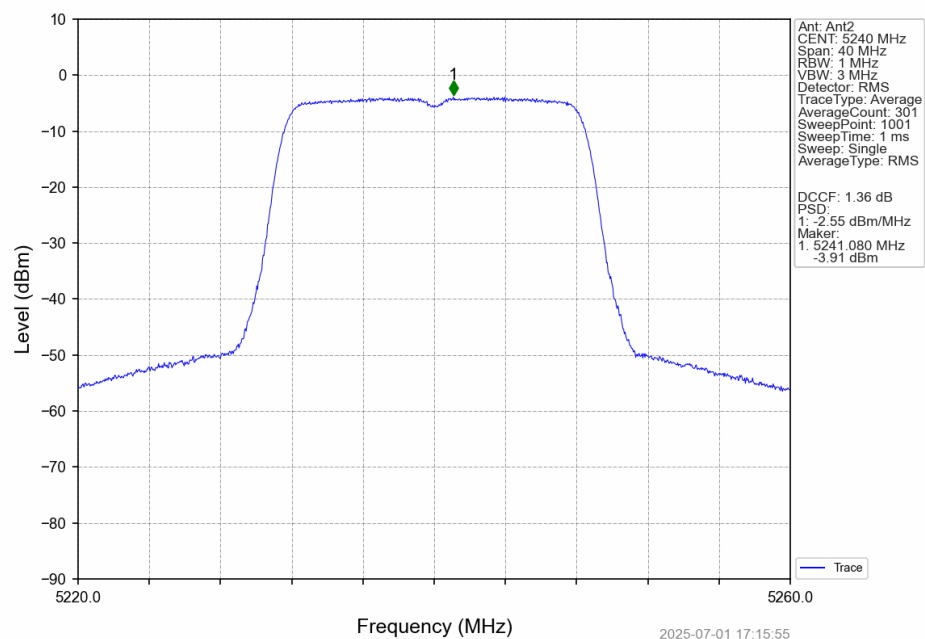
802.11a_MCH_5200MHz_Ant2_NTNV



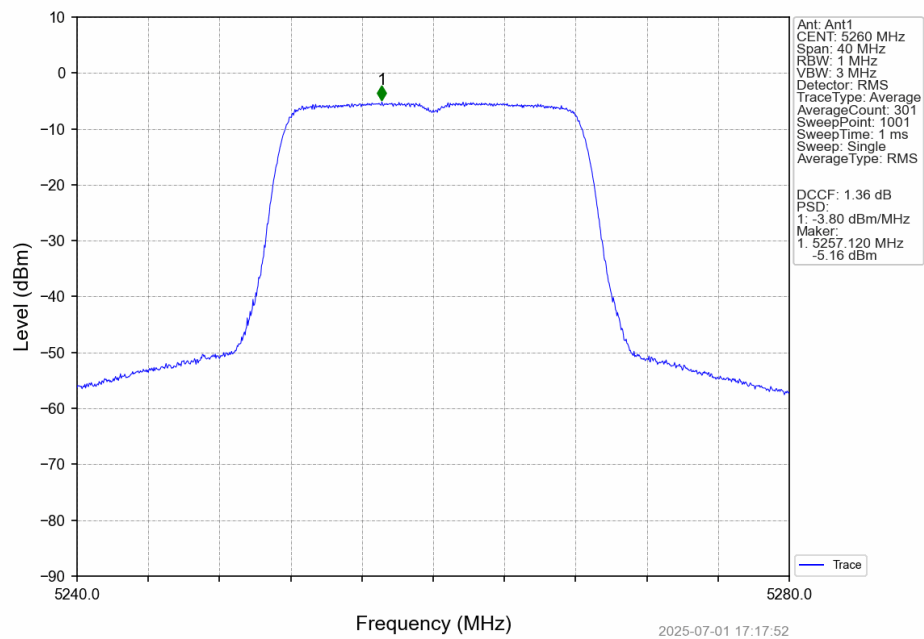
802.11a_HCH_5240MHz_Ant1_NTNV



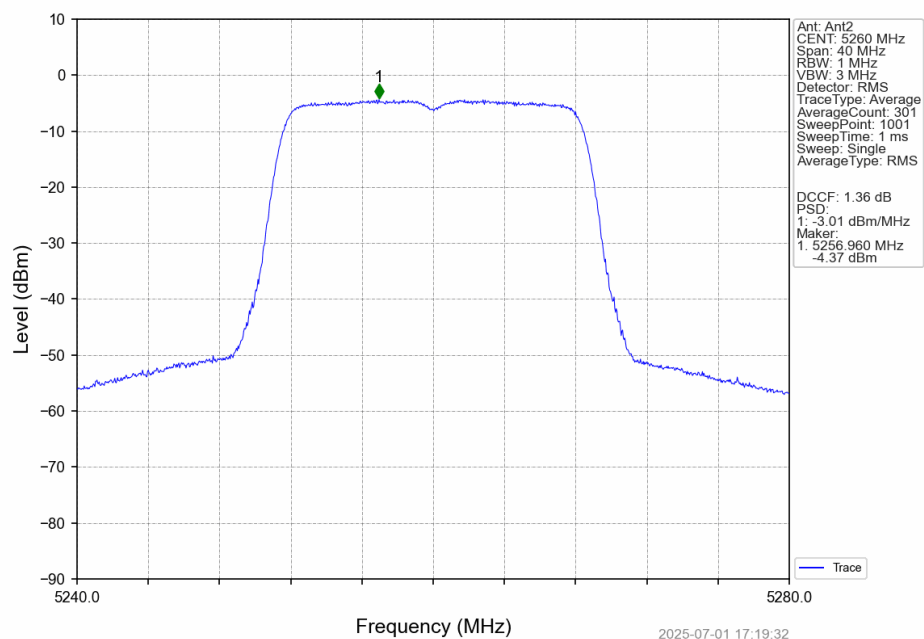
802.11a_HCH_5240MHz_Ant2_NTNV



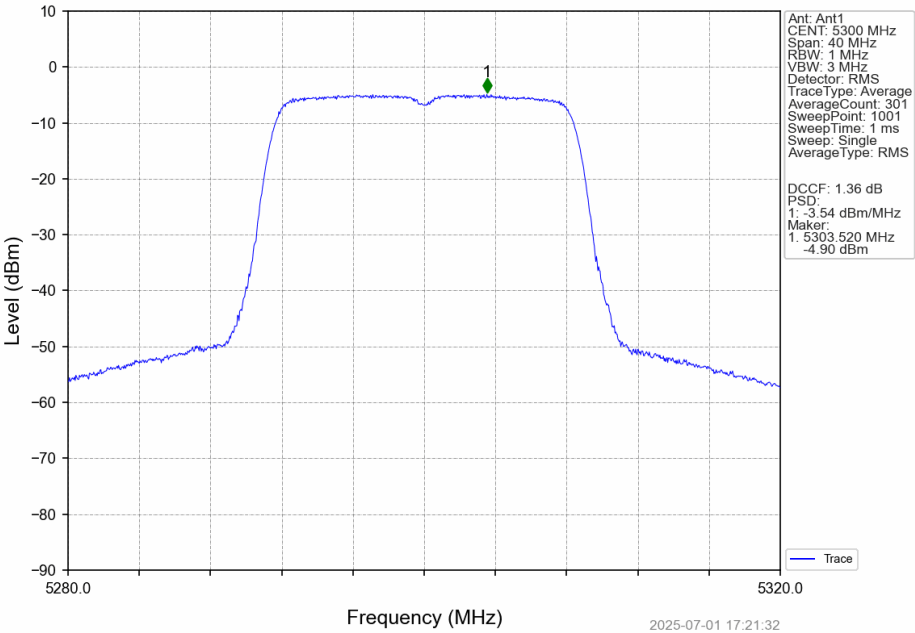
802.11a LCH 5260MHz Ant1 NTN



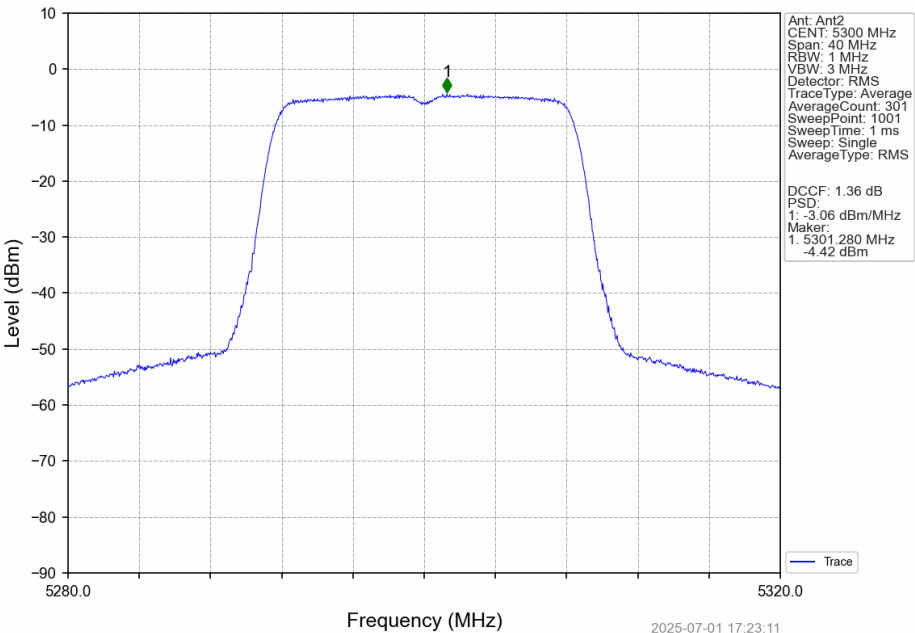
802.11a LCH 5260MHz Ant2 NTN



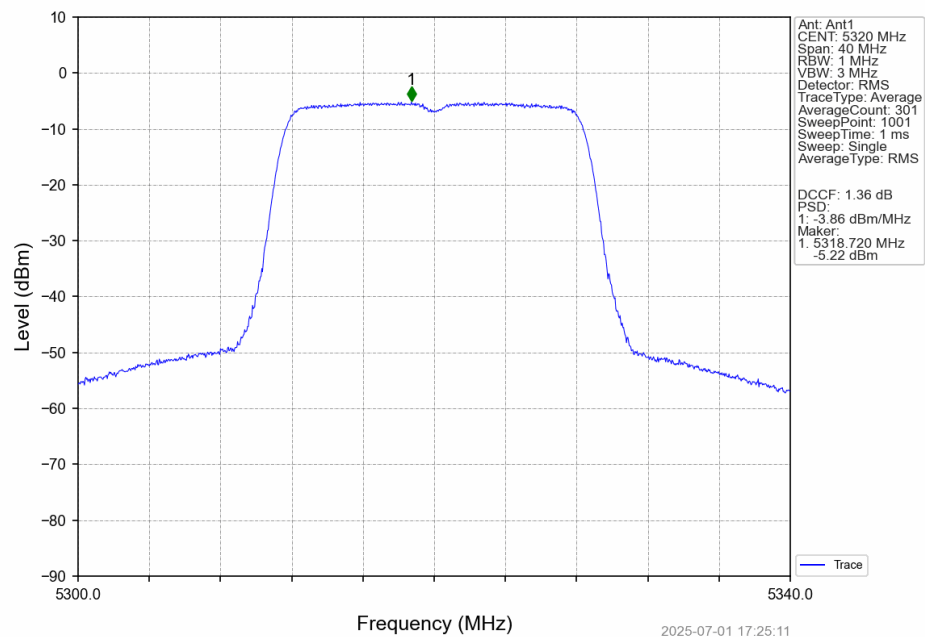
802.11a_MCH_5300MHz_Ant1_NTNV



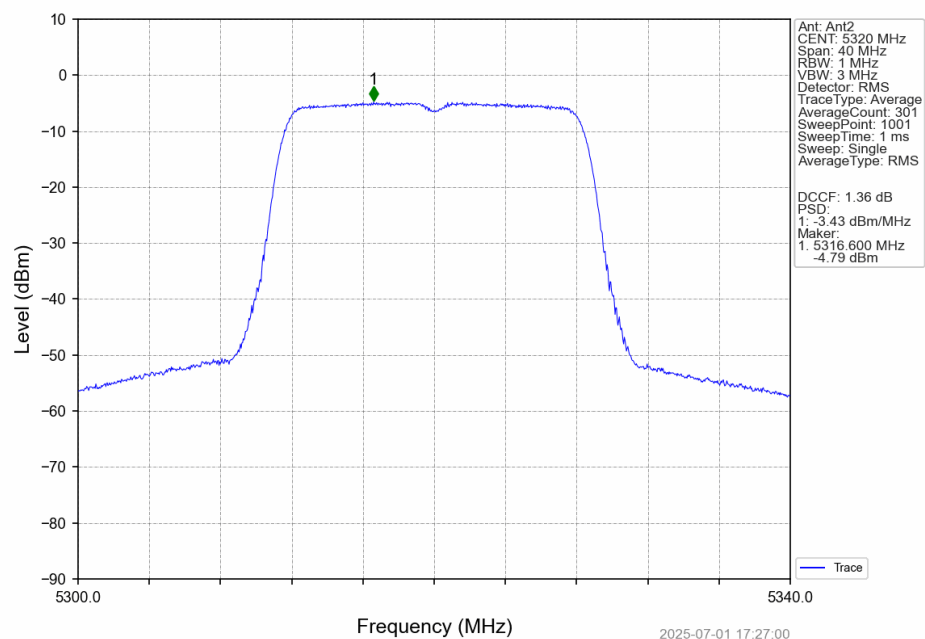
802.11a_MCH_5300MHz_Ant2_NTNV



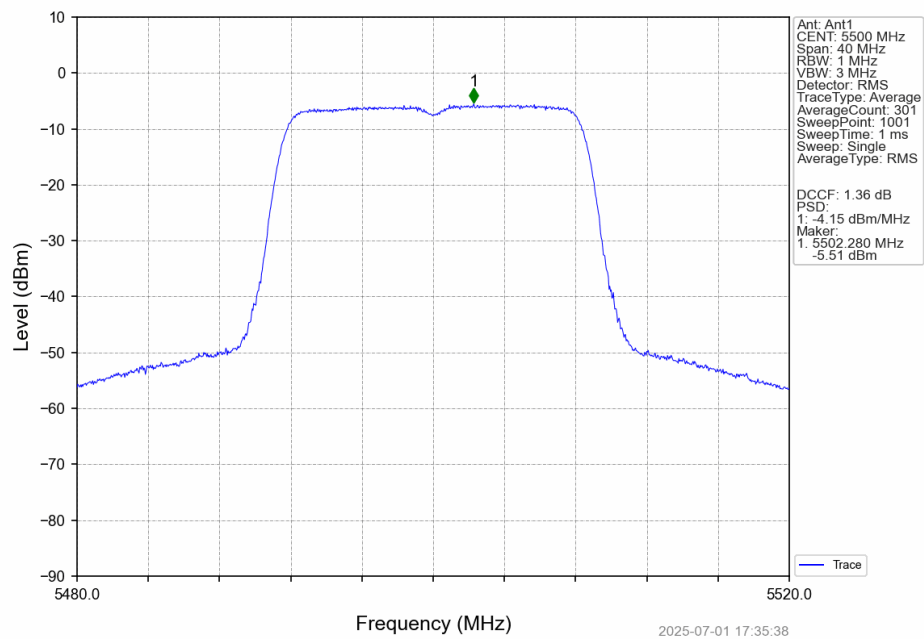
802.11a_HCH_5320MHz_Ant1_NTNV



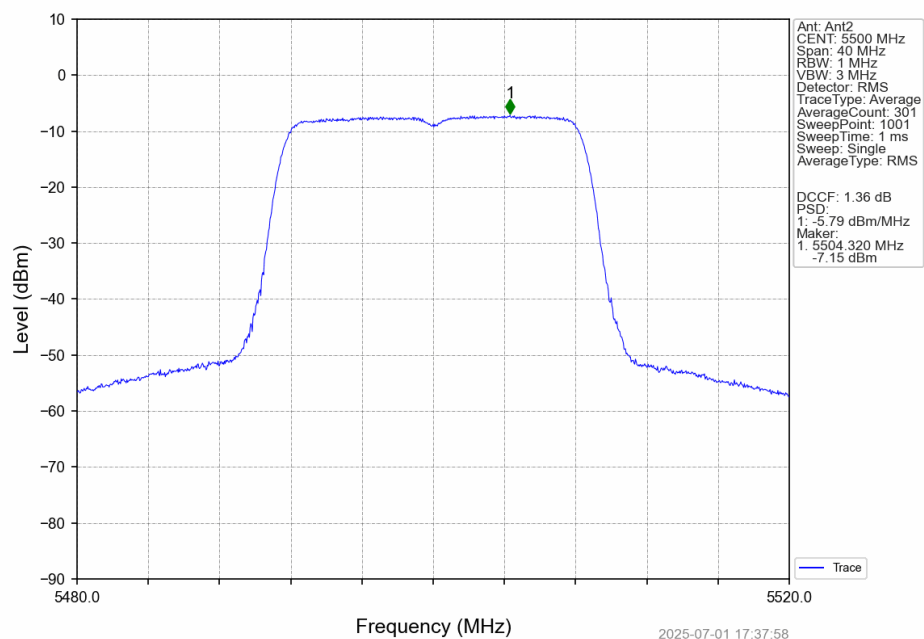
802.11a_HCH_5320MHz_Ant2_NTNV



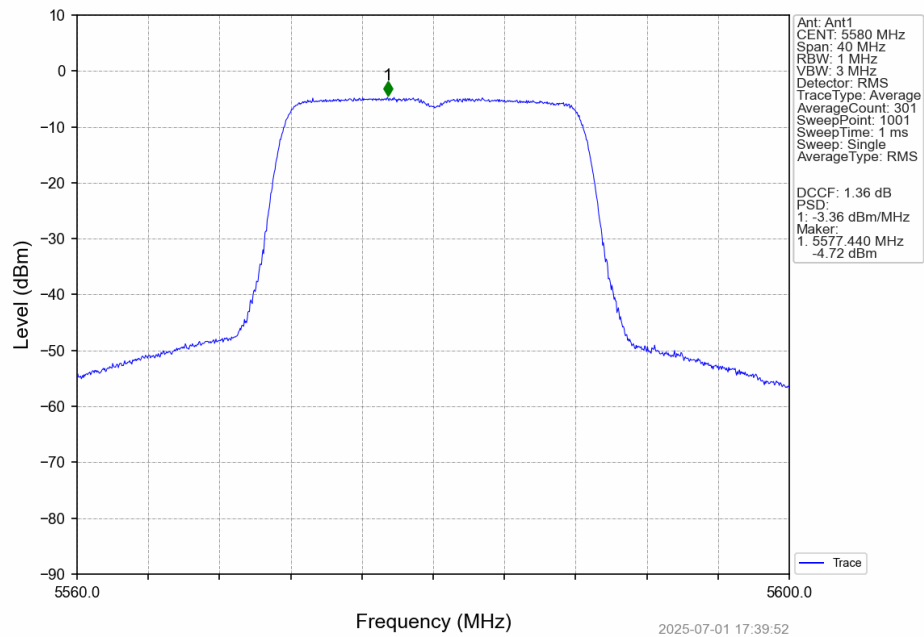
802.11a LCH 5500MHz Ant1 NTN



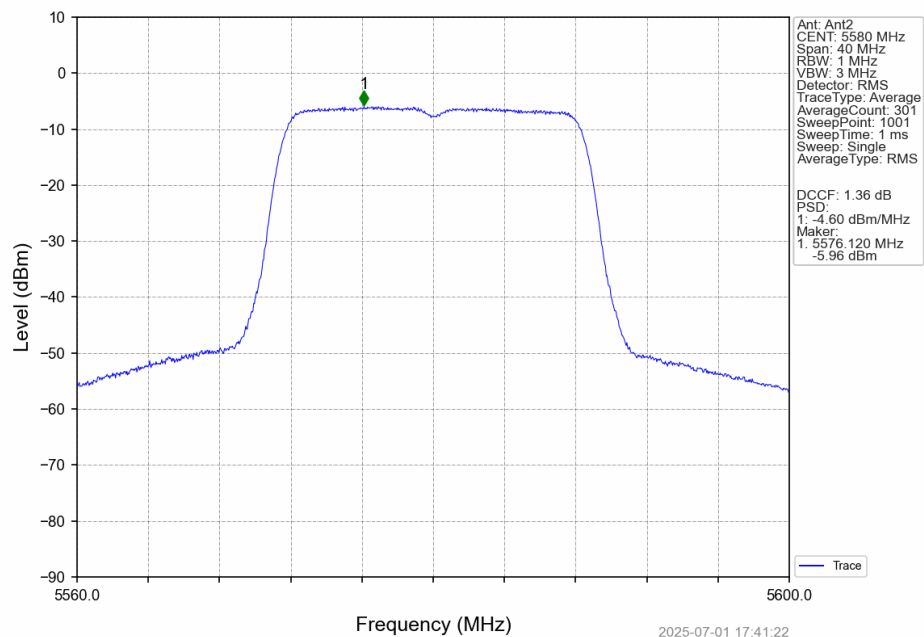
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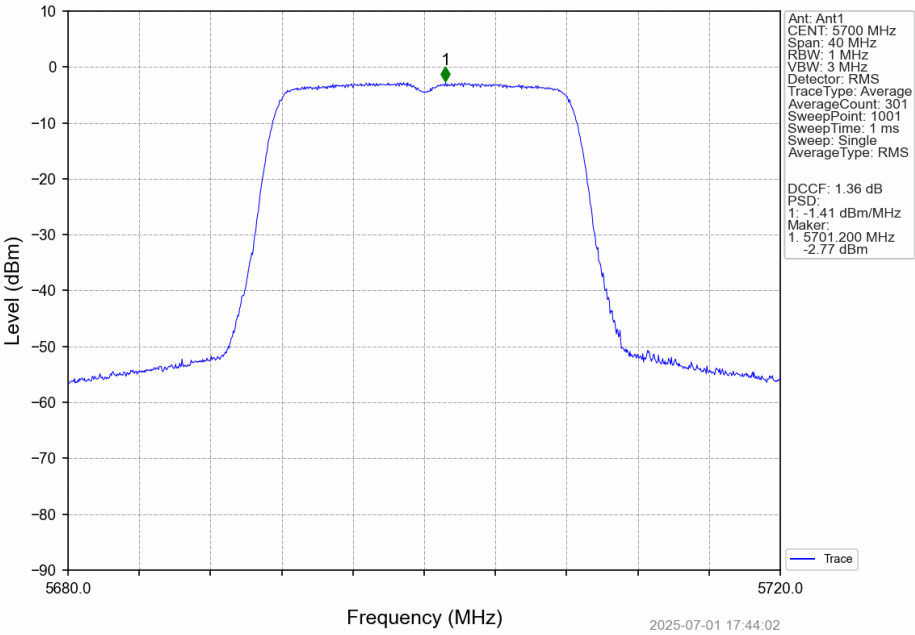
802.11a MCH 5580MHz Ant1 NTNV



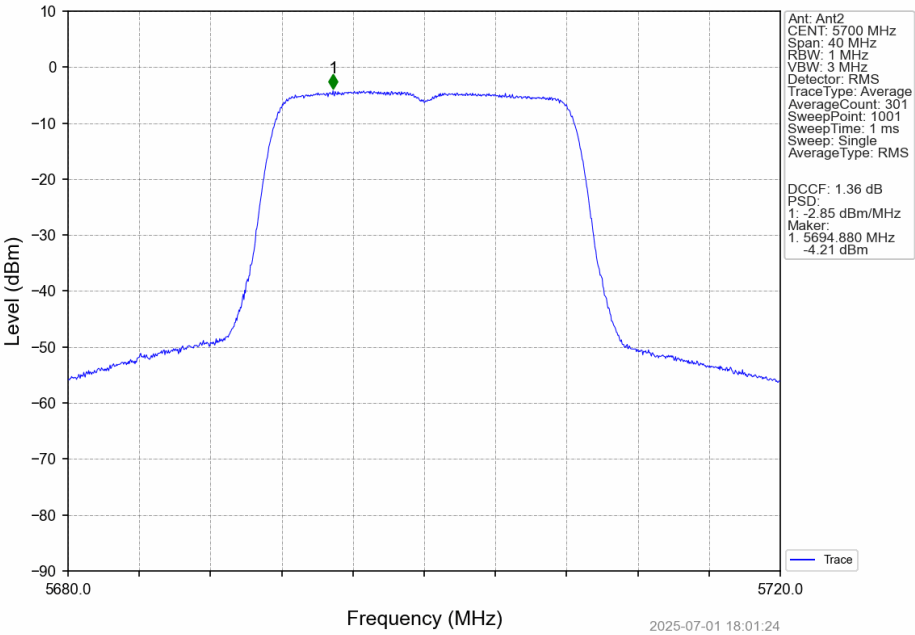
802.11a MCH 5580MHz Ant2 NTNV



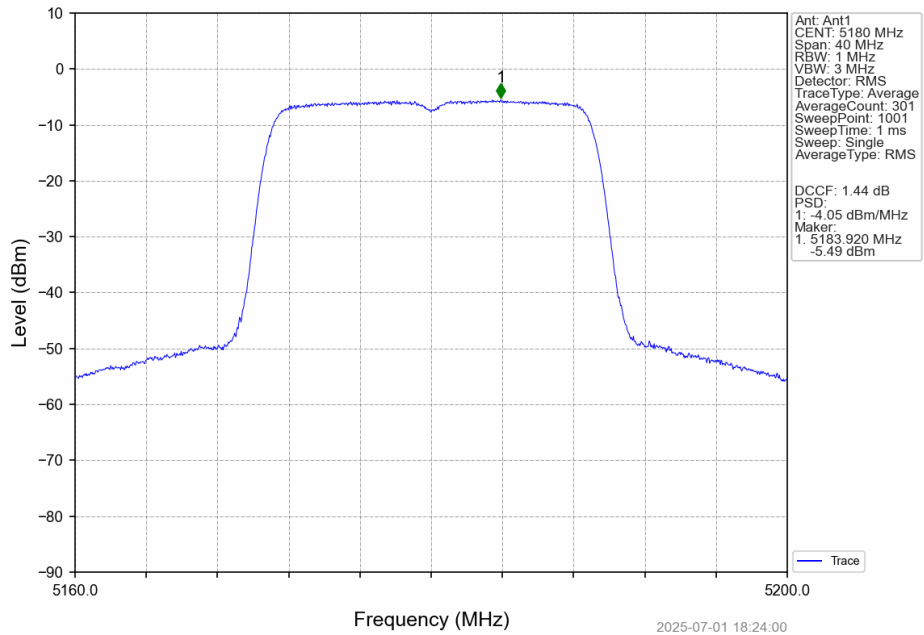
802.11a_HCH_5700MHz_Ant1_NTNV



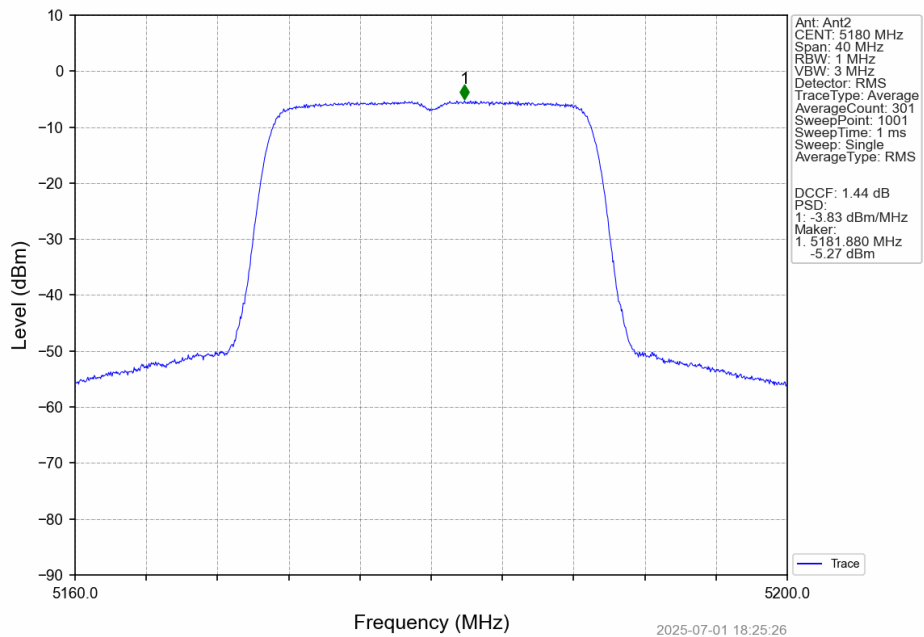
802.11a_HCH_5700MHz_Ant2_NTNV



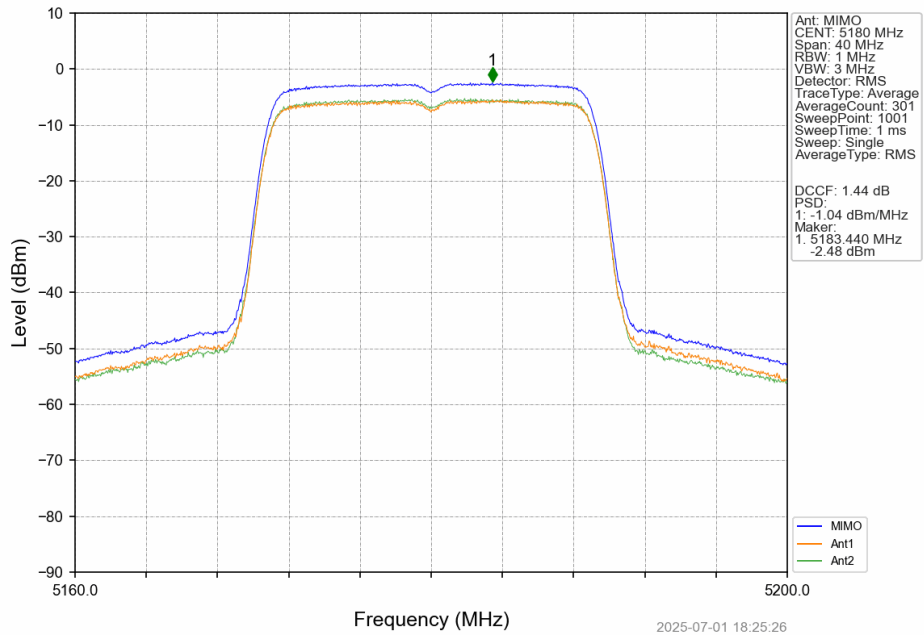
802.11n(HT20) LCH 5180MHz Ant1 NTN



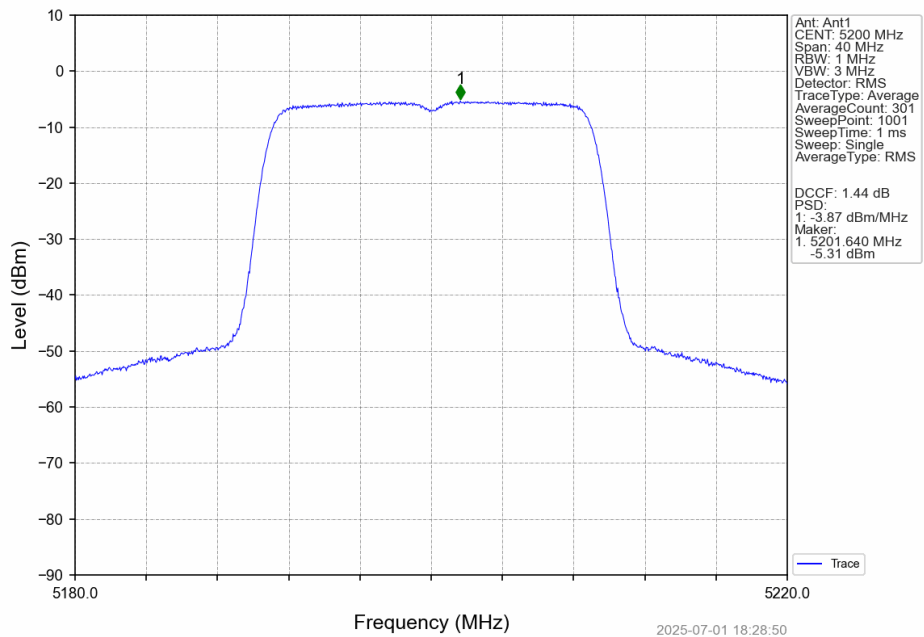
802.11n(HT20) LCH 5180MHz Ant2 NTN



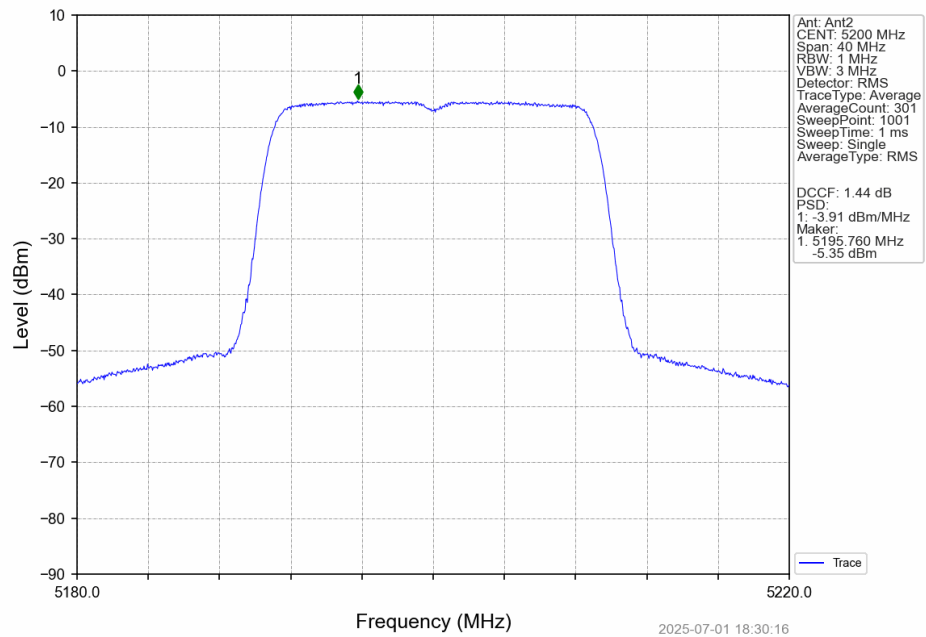
802.11n(HT20) LCH 5180MHz MIMO NTN



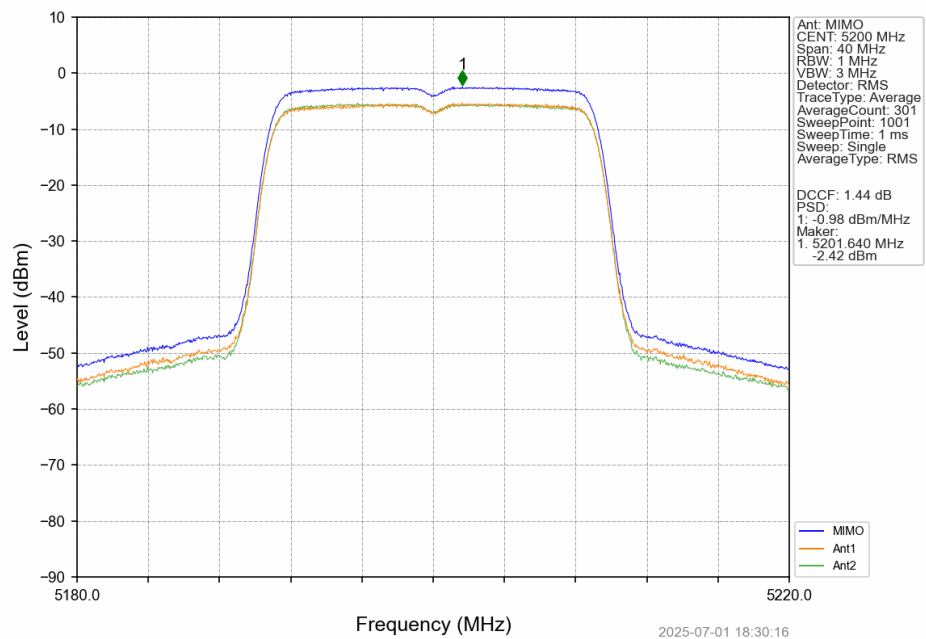
802.11n(HT20)_MCH_5200MHz_Ant1 NTN



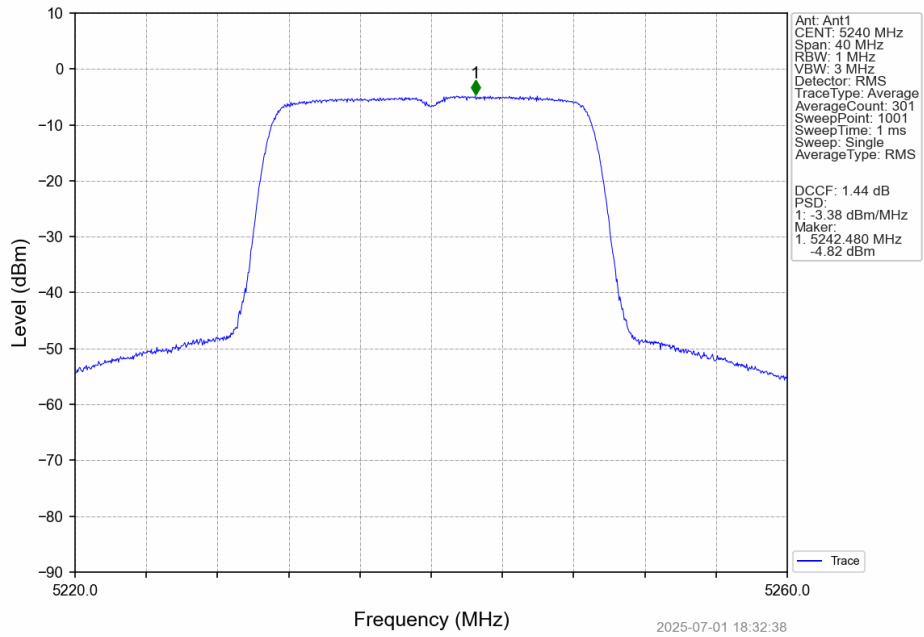
802.11n(HT20) MCH 5200MHz Ant2 NTN



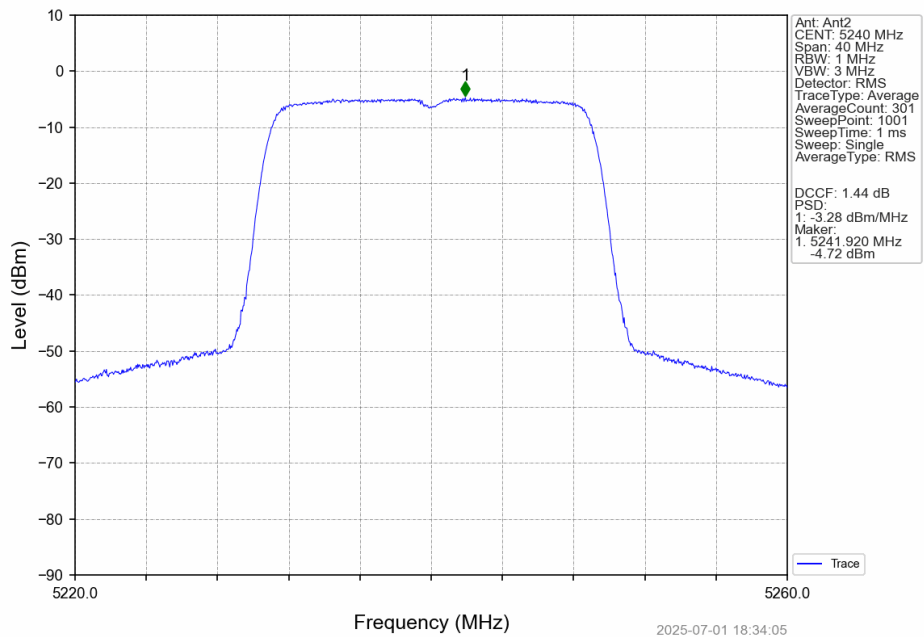
802.11n(HT20) MCH 5200MHz MIMO NTN



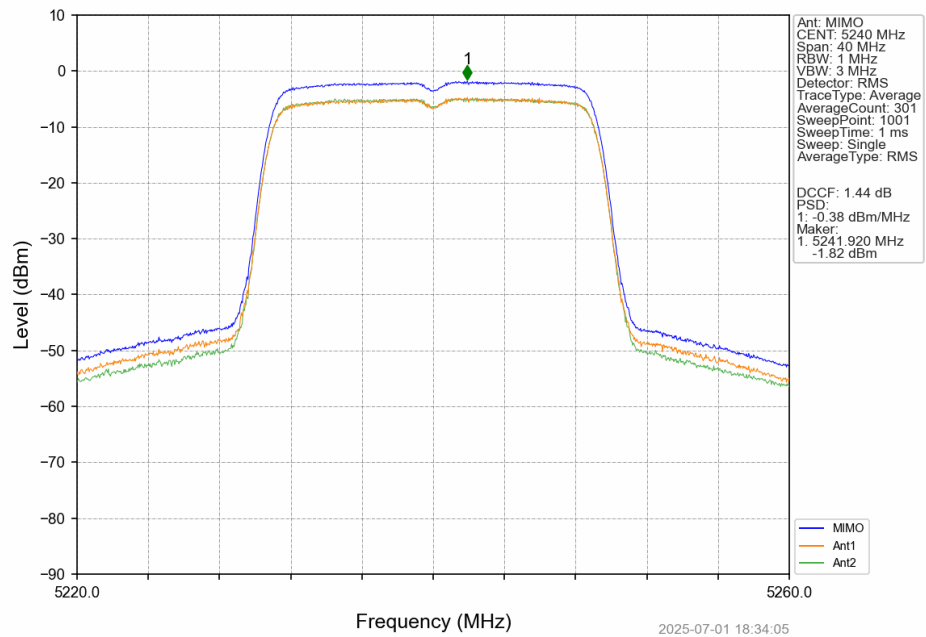
802.11n(HT20) HCH 5240MHz Ant1 NTN



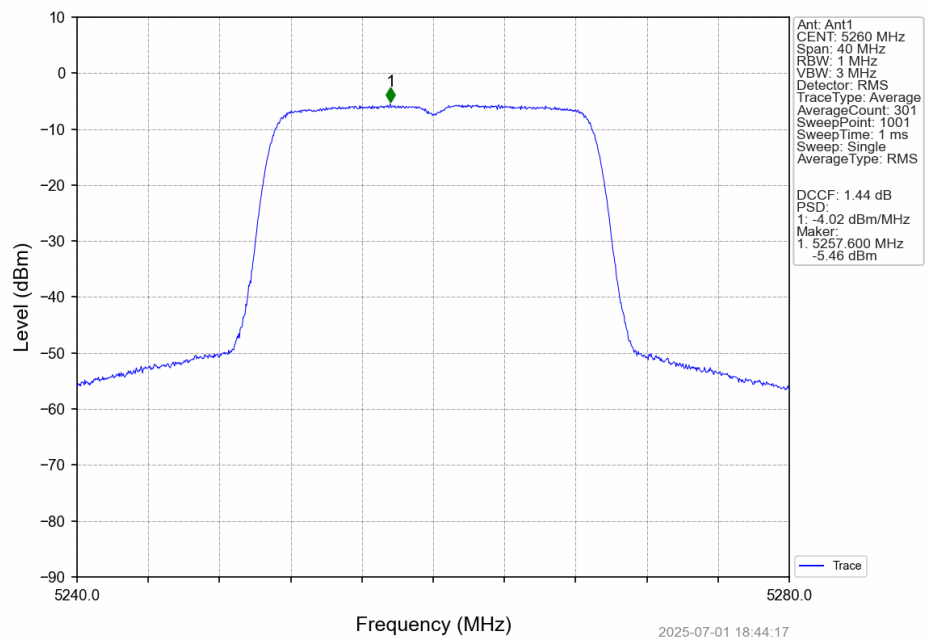
802.11n(HT20)_HCH_5240MHz_Ant2_NTN



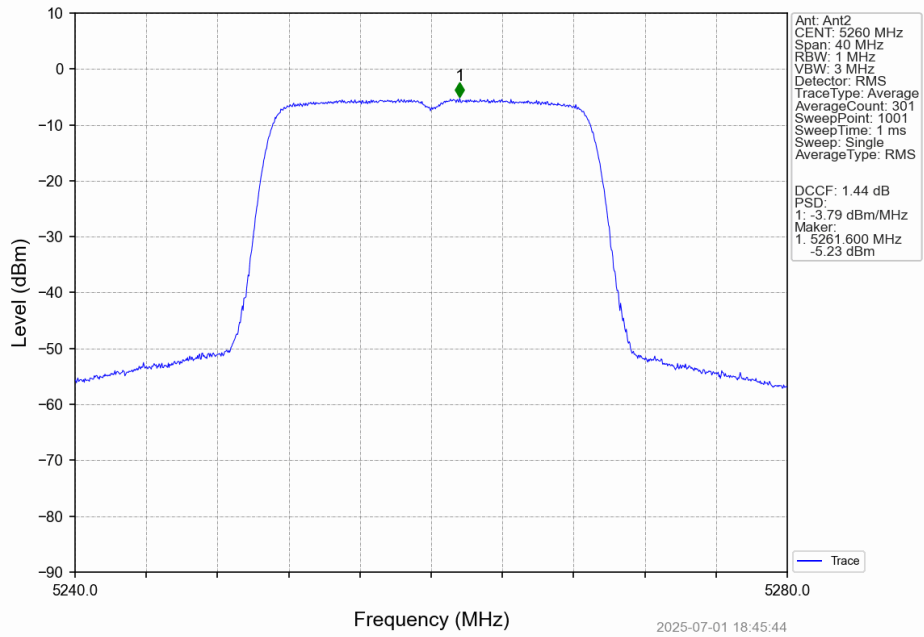
802.11n(HT20) HCH 5240MHz MIMO NTN



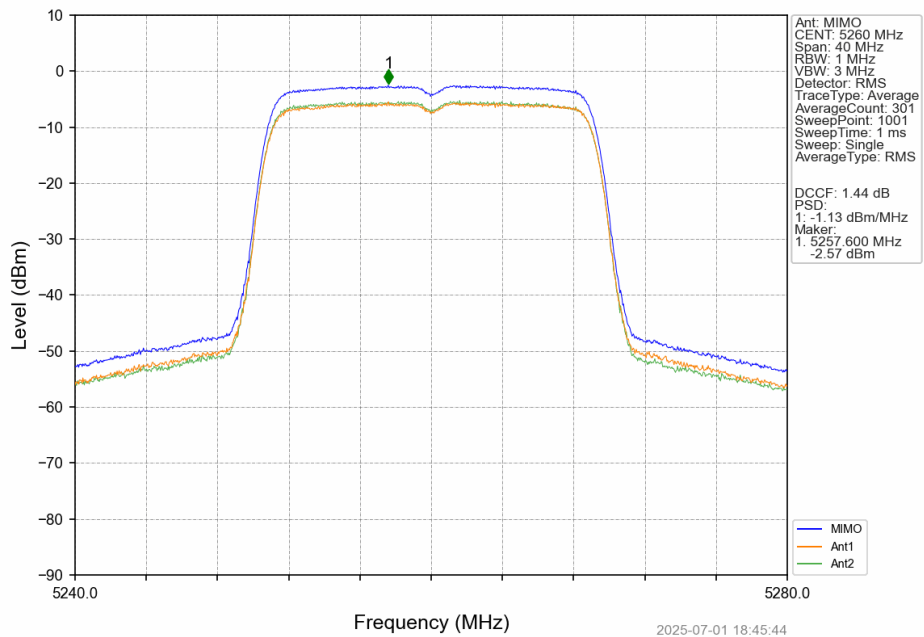
802.11n(HT20) LCH 5260MHz Ant1 NTN



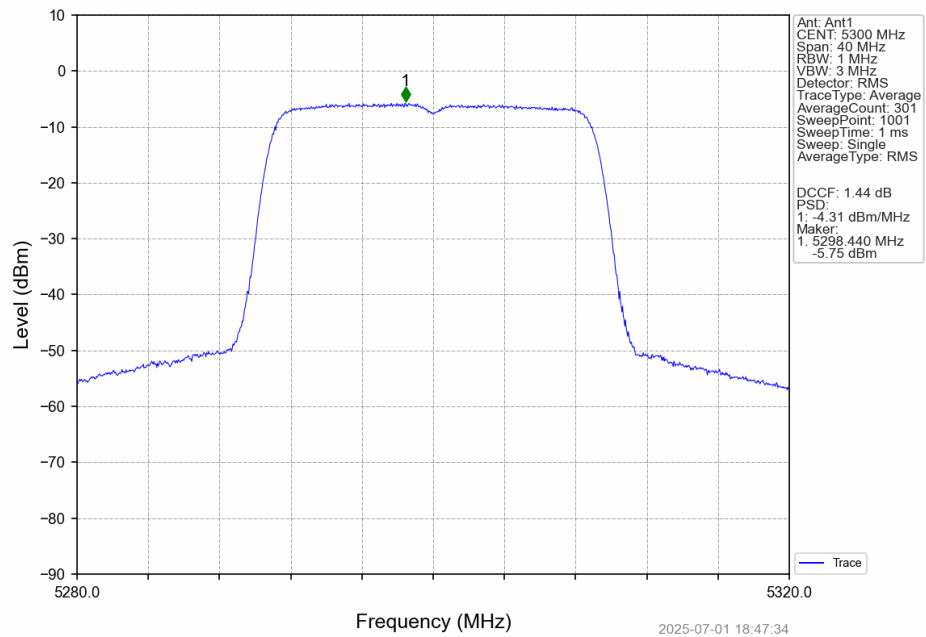
802.11n(HT20) LCH 5260MHz Ant2 NTN



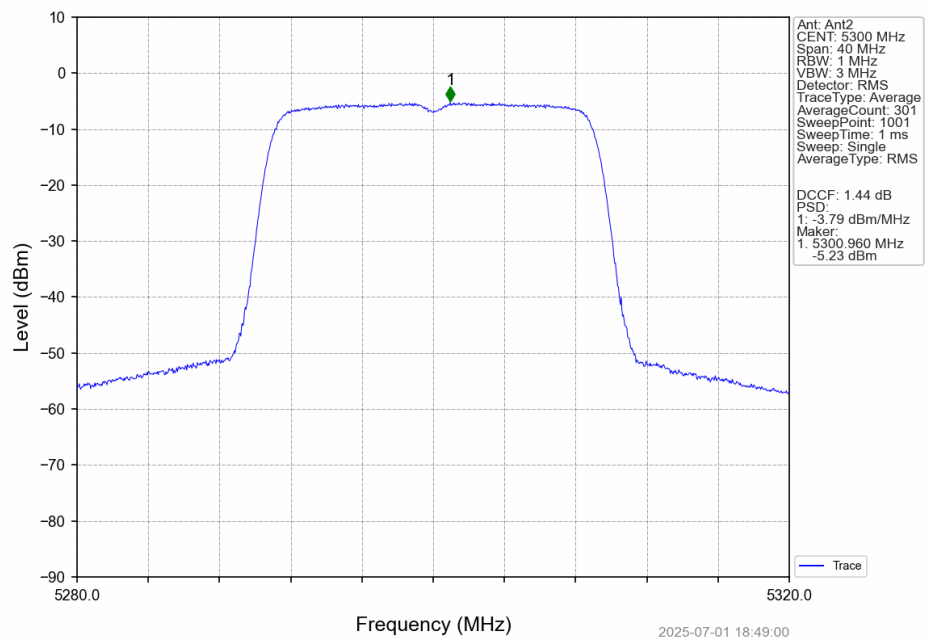
802.11n(HT20) LCH 5260MHz MIMO NTN



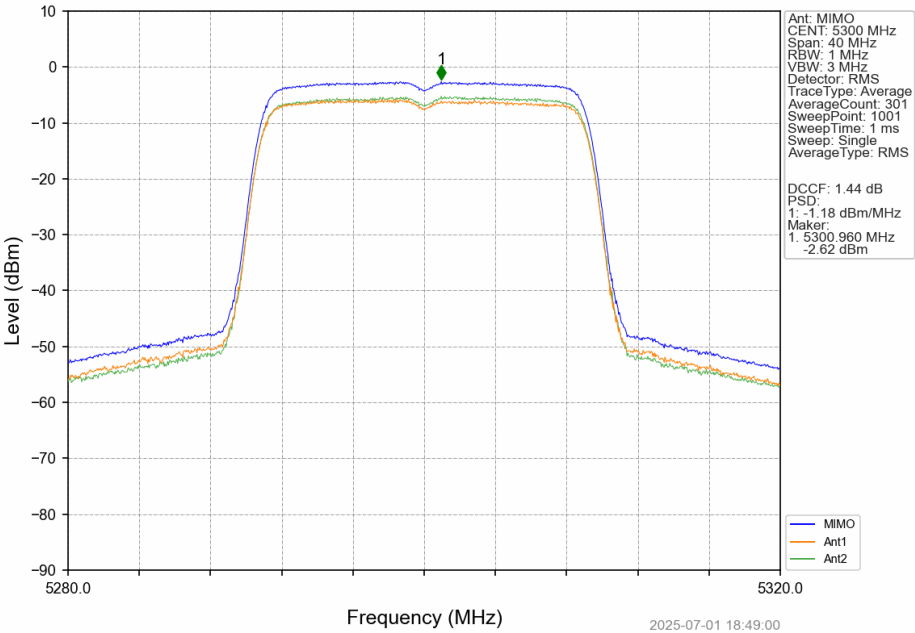
802.11n(HT20) MCH 5300MHz Ant1 NTN



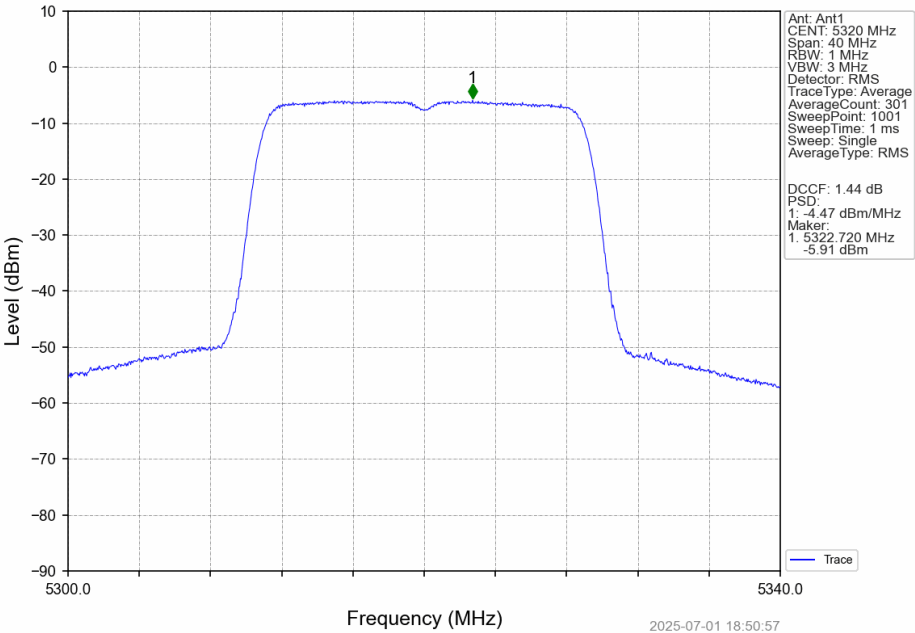
802.11n(HT20)_MCH_5300MHz_Ant2_NTN



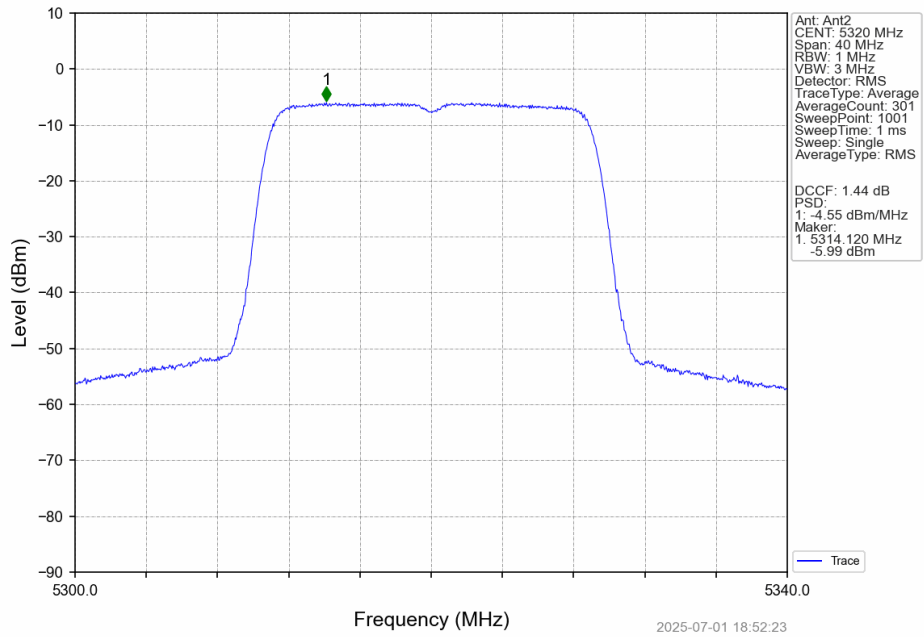
802.11n(HT20) MCH 5300MHz MIMO NTN



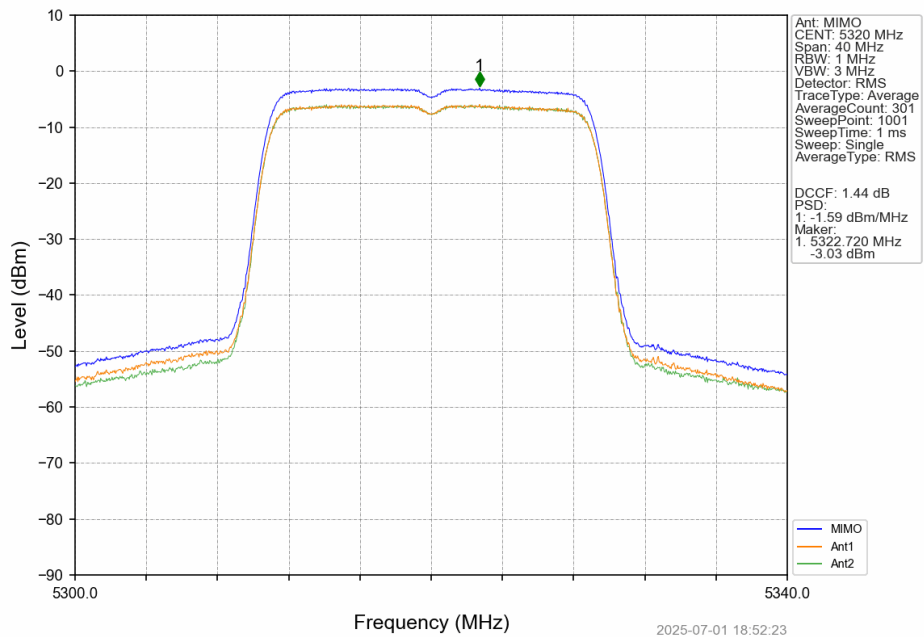
802.11n(HT20)_HCH_5320MHz_Ant1_NTN



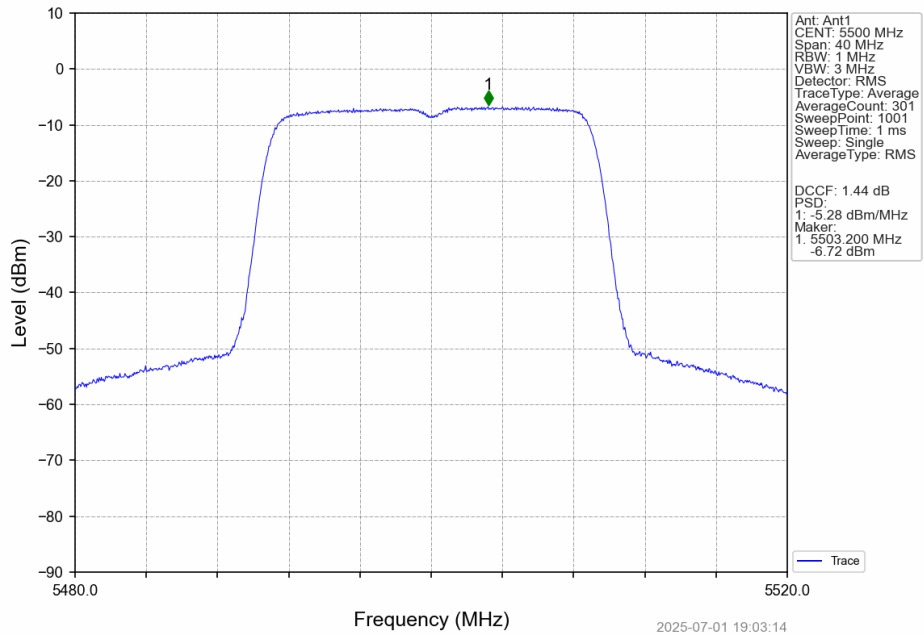
802.11n(HT20) HCH 5320MHz Ant2 NTN



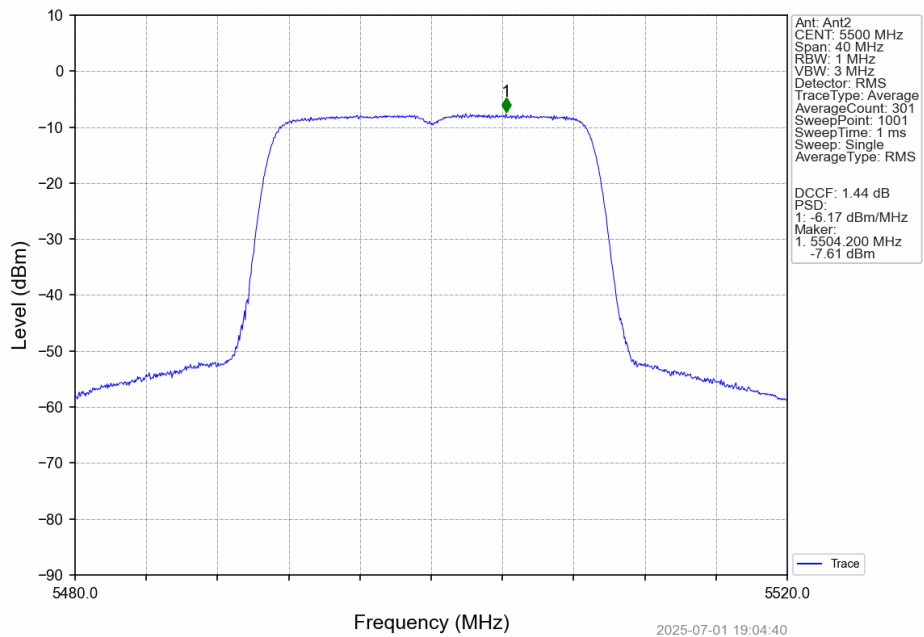
802.11n(HT20) HCH 5320MHz MIMO NTN



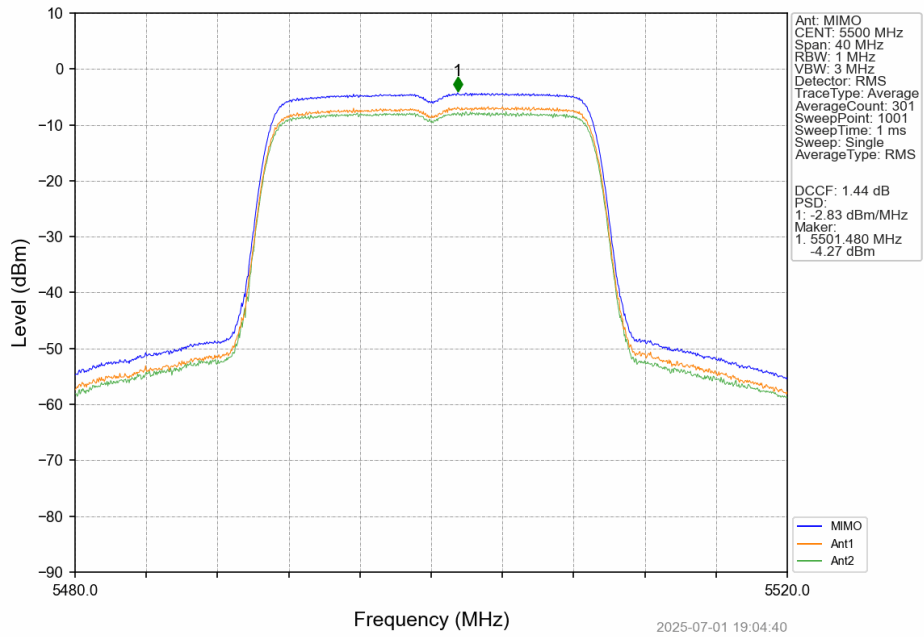
802.11n(HT20) LCH 5500MHz Ant1 NTN



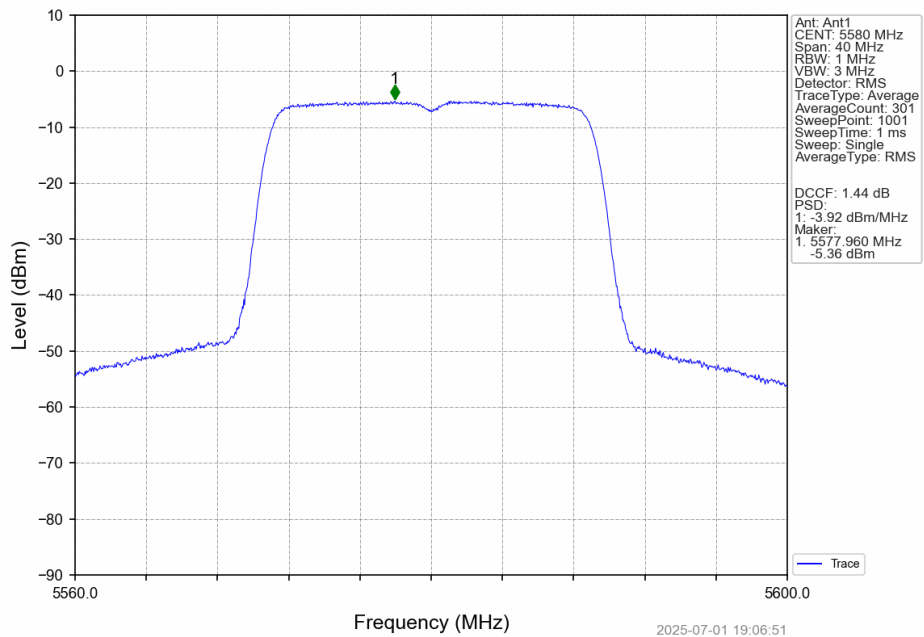
802.11n(HT20) LCH 5500MHz Ant2 NTN



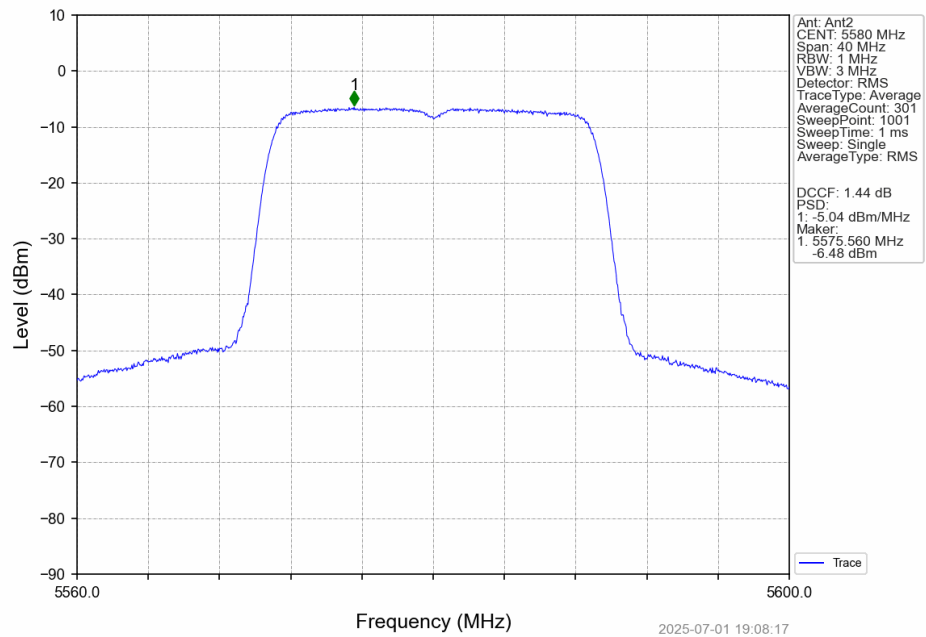
802.11n(HT20) LCH 5500MHz MIMO NTN



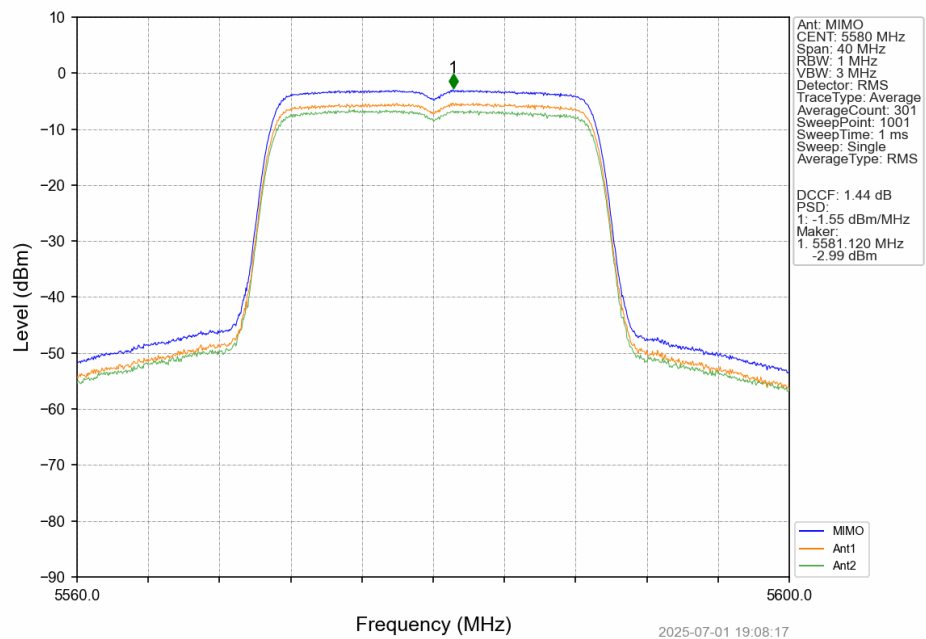
802.11n(HT20)_MCH_5580MHz_Ant1 NTN



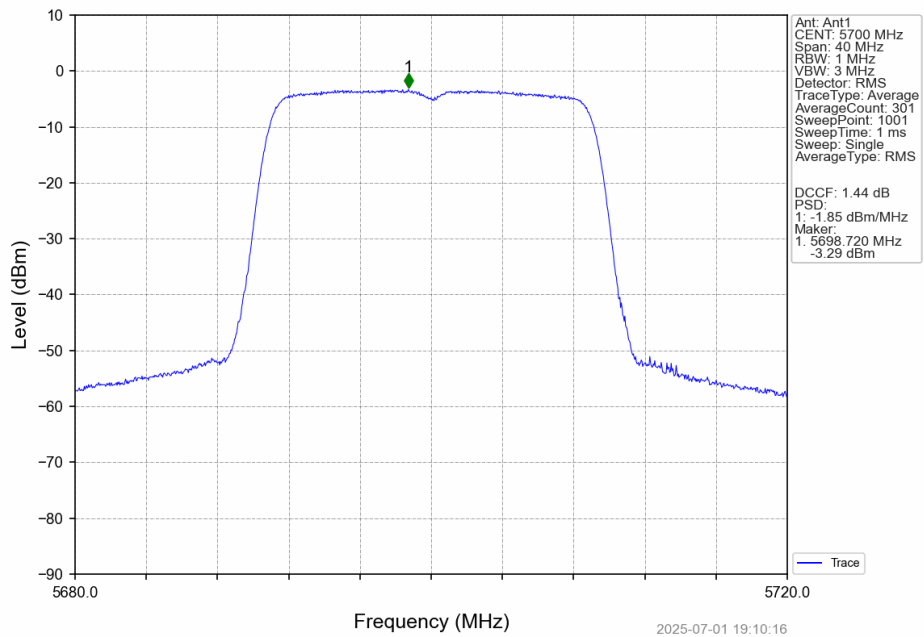
802.11n(HT20) MCH 5580MHz Ant2 NTN



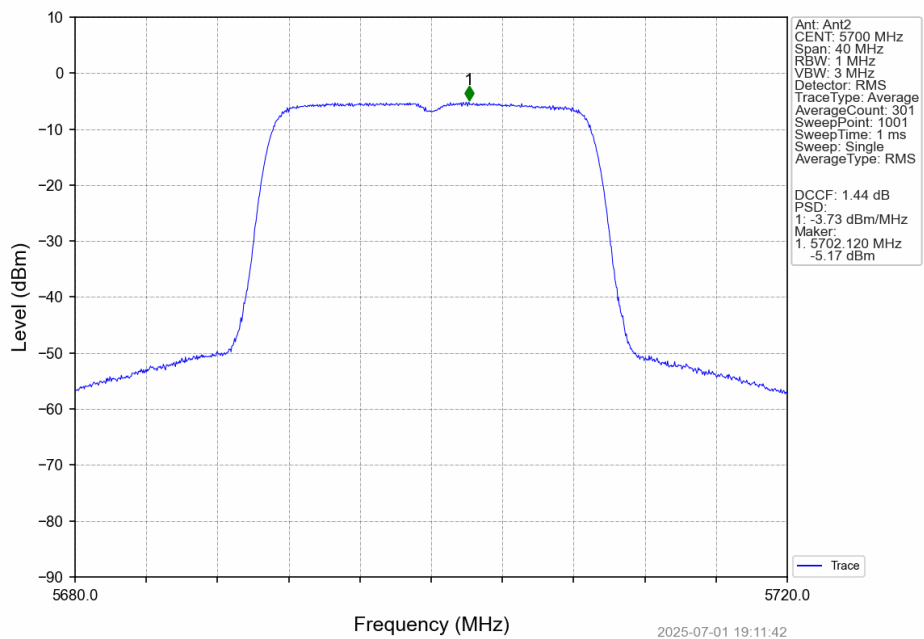
802.11n(HT20) MCH 5580MHz MIMO NTN



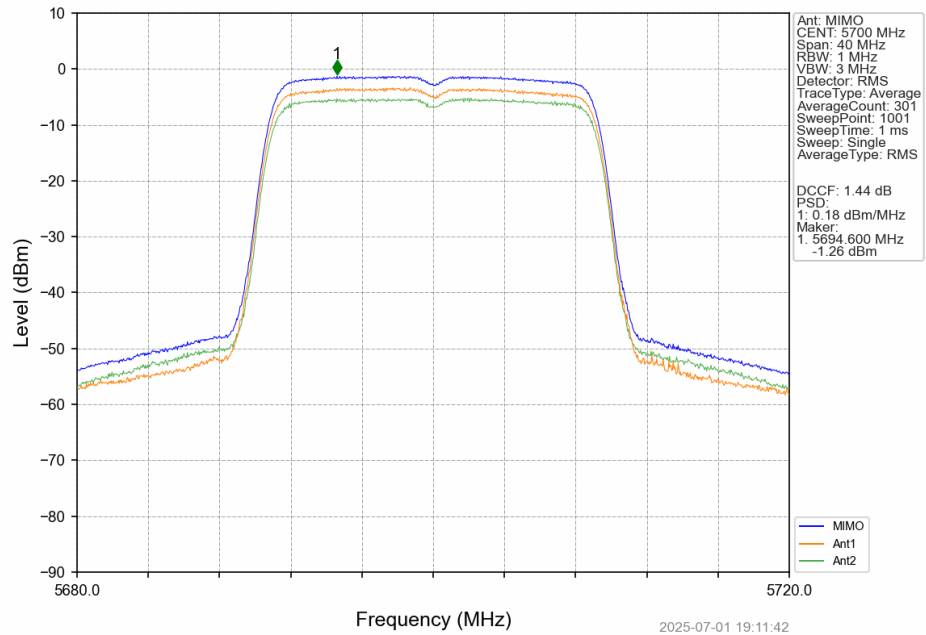
802.11n(HT20) HCH 5700MHz Ant1 NTN



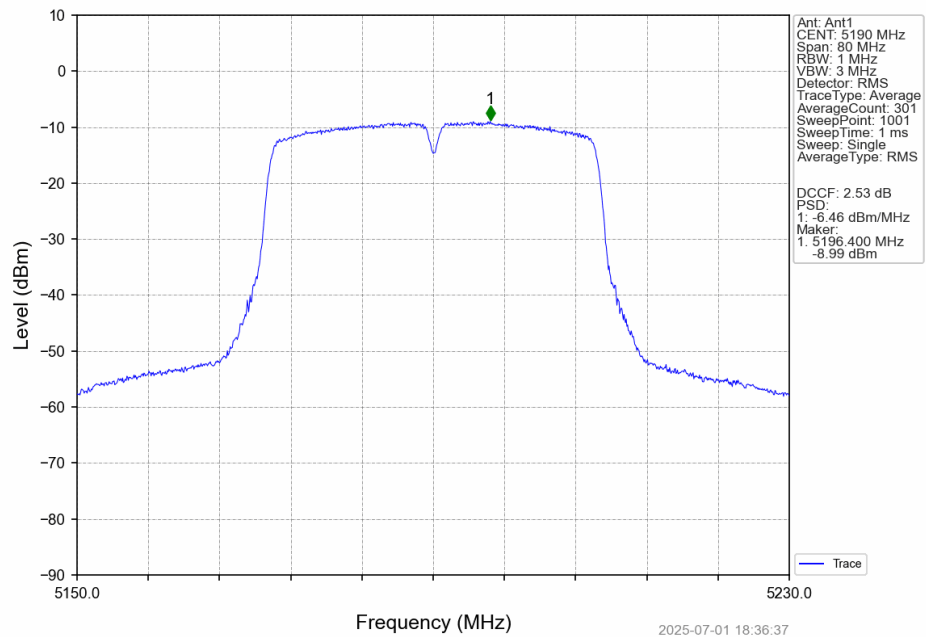
802.11n(HT20)_HCH_5700MHz_Ant2_NTN



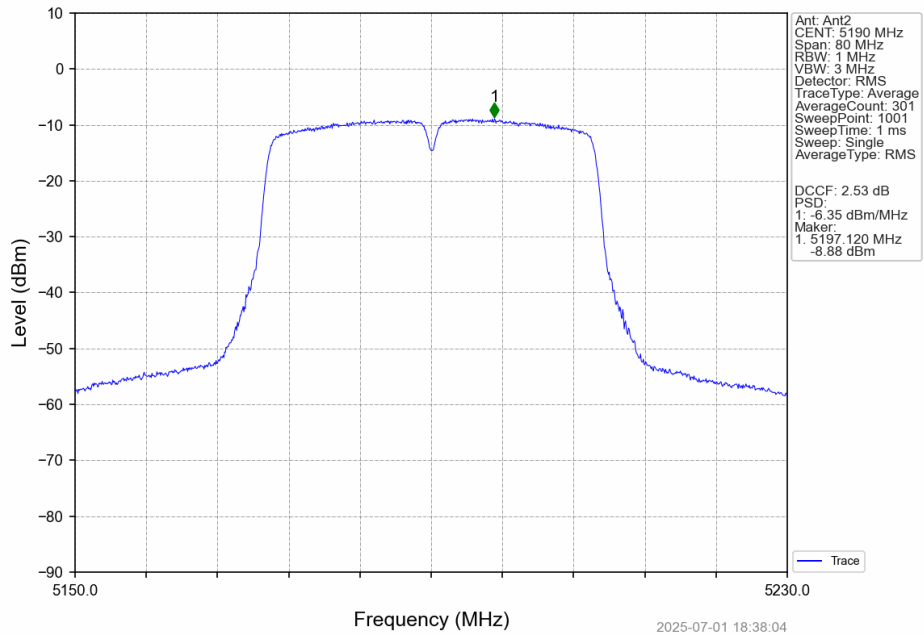
802.11n(HT20) HCH 5700MHz MIMO NTN



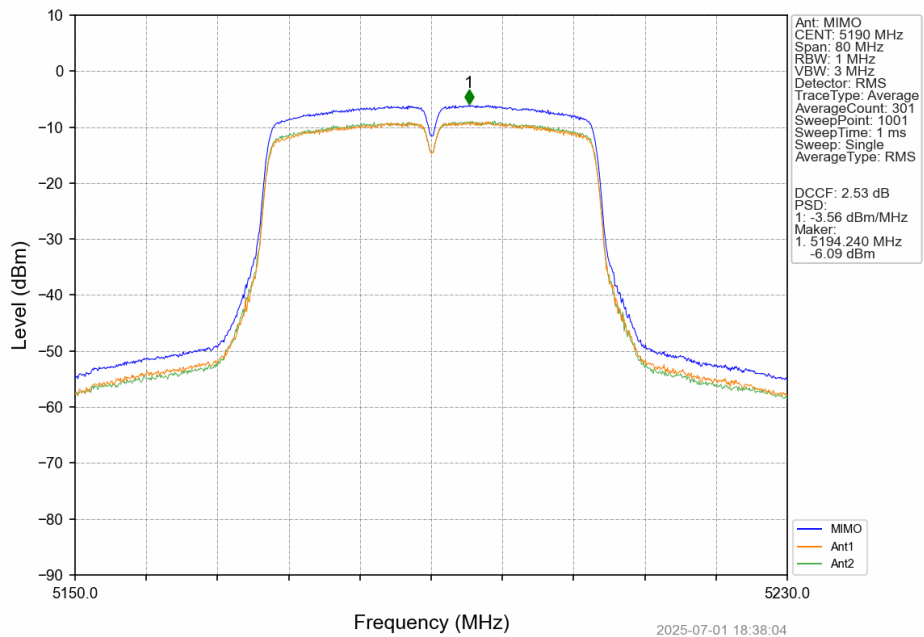
802.11n(HT40) LCH 5190MHz Ant1 NTN



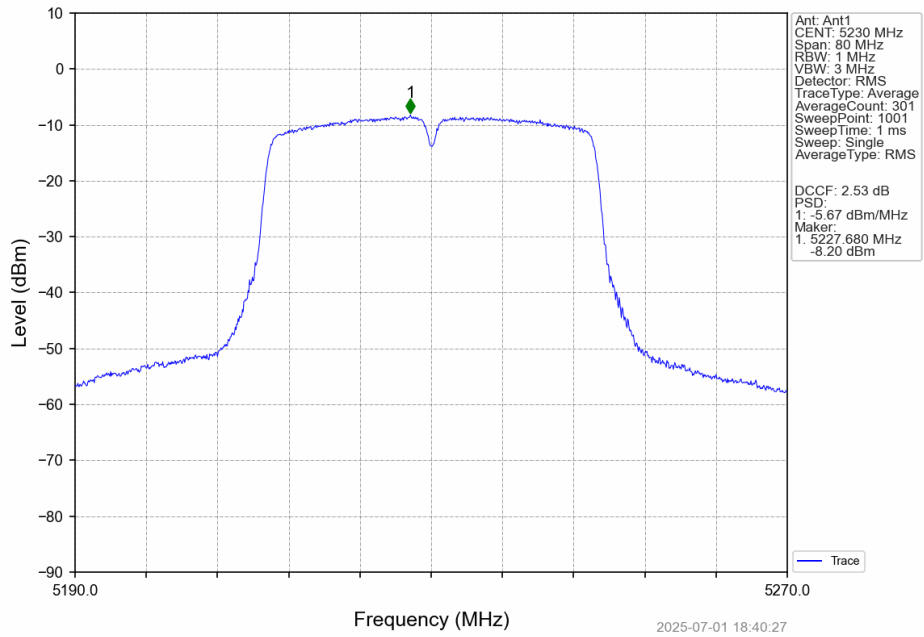
802.11n(HT40) LCH 5190MHz Ant2 NTV



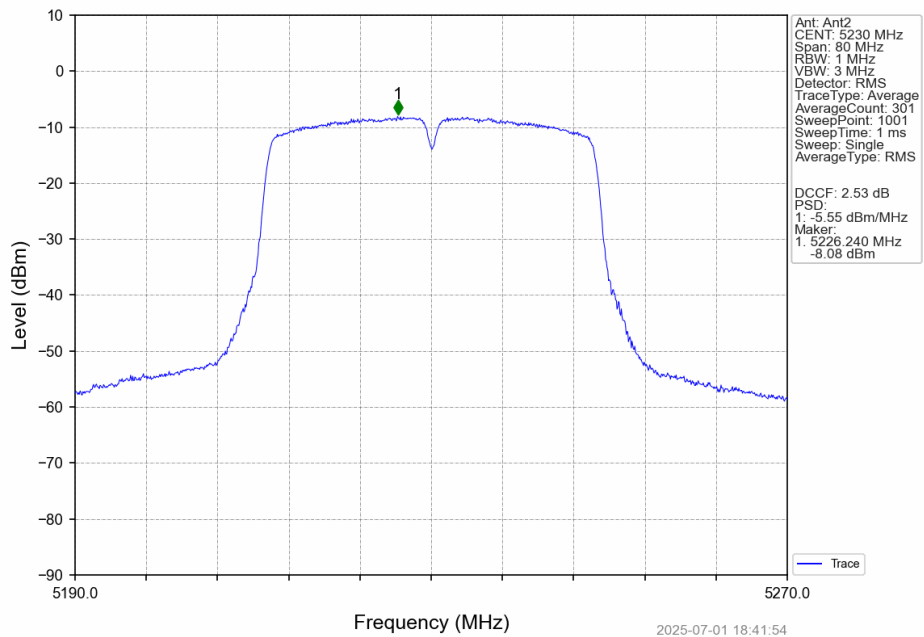
802.11n(HT40) LCH 5190MHz MIMO NTV



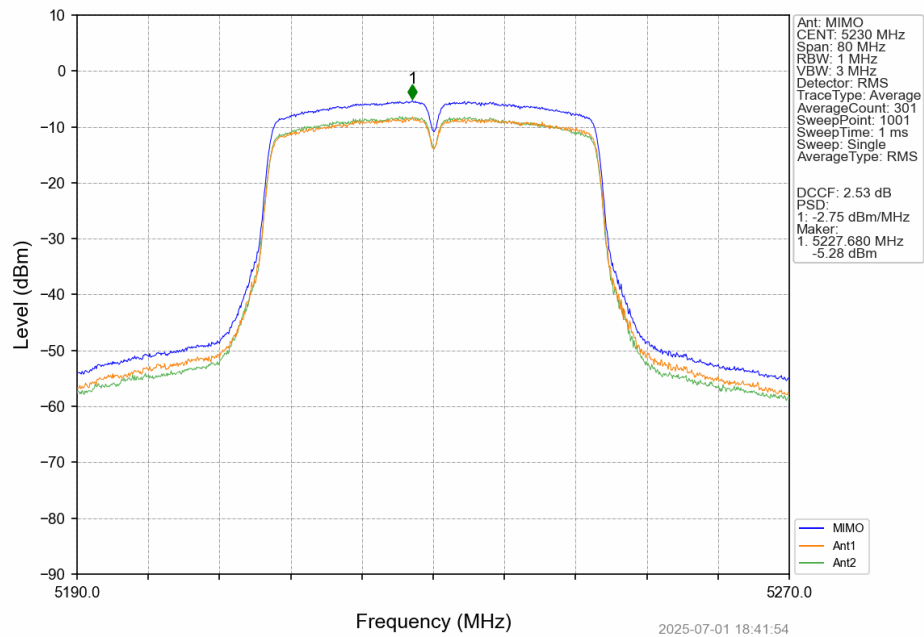
802.11n(HT40) HCH 5230MHz Ant1 NTN



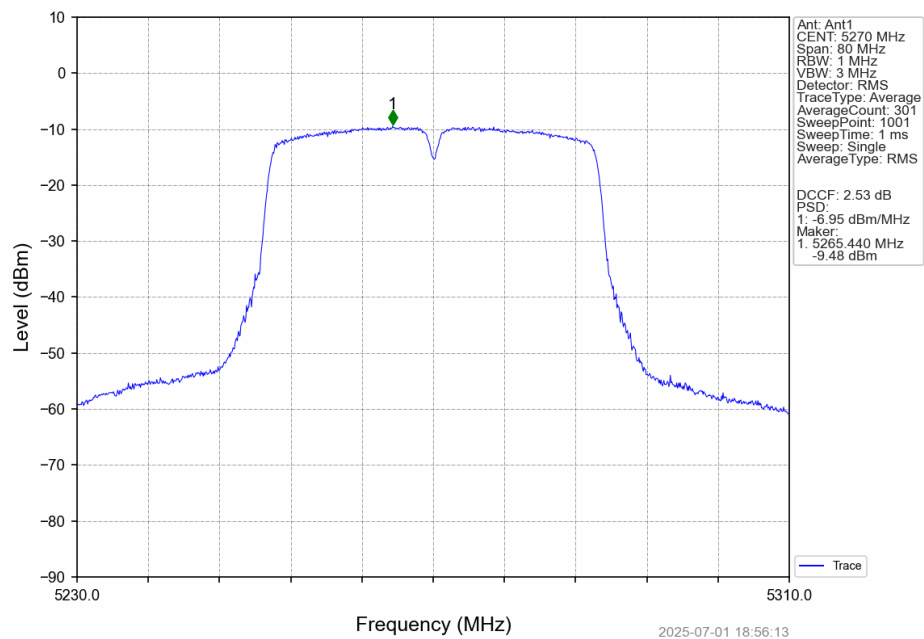
802.11n(HT40)_HCH_5230MHz_Ant2 NTN



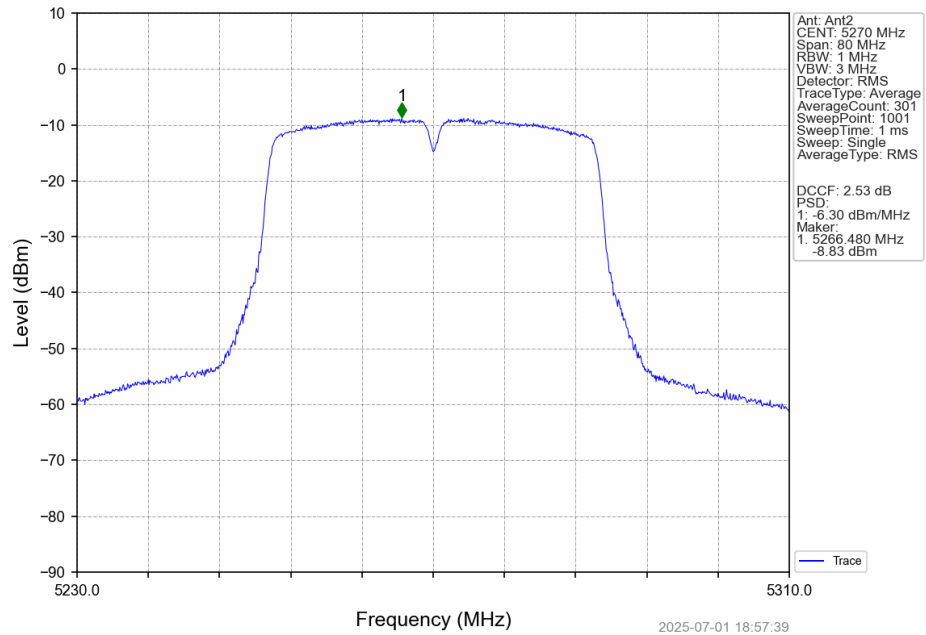
802.11n(HT40) HCH 5230MHz MIMO NTN



802.11n(HT40) LCH 5270MHz Ant1 NTN



802.11n(HT40) LCH 5270MHz Ant2 NTN



802.11n(HT40) LCH 5270MHz MIMO NTN

